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EXTERNAL SPECIFICATION
CHORUS PRO

EDI CONNECTION MODE APPENDIX

Version - Date	*Issuer*	*Track changes*
V4.10 – 14/11/2018	AIFE	• Inversion of the interface codes and identifiers (§ 10.3.1 and § 10.4) • Update of the Factur-X syntactical description (FSO1117A) : addition of the validator fields and matching generic rules (§ 8.3.5) • Modification of the generic rule G9.04. It is not allowed to send an invoice to an inactive structure or service.
V4.02 24/09/2018	AIFE	• § 8.2.4, about incoming formats EDIFACT and ISO20022, and references about them (§ 3.1.1.1 and 3.1.1.3) deleted
V4.01 11/09/2018	AIFE	• Rule G1.22 modified • Rule G5.07 completed with codes 29 (Prise en compte MOE) and 38 (Prise en compte MOA) • Rule S2.11 created, relative to the required Base Amount field in case of charges/discounts in CII 16B syntax • Field Généralités. Profil Factur-X (§8.3.5) modified • Rule S2.20 completed. The Factur-X profile field is required. • Rule G6.01 modified: the maximum number of invoice lines is now 999999 (6 characters). The control is performed on the true number of invoice lines, and not on each line number. • Tax-exemption reason transferred in the General Informations of E1 flow (§4.2.1): once this field filled, the invoice is entirely tax-exempted. The syntaxic tables were consequently modified: UBL Invoice (§8.2.1) et CII (§8.2.2) • Rule G8.15 modified. Following sentence added: « The exemption is exclusive: in case of zero VAT rate, all the amounts must be exempted. » • Authorized values for the VAT Regime field added (G2.13): VAT on debits, VAT on collections, Exempt, Without VAT.
V4.00 04/06/2018	AIFE	• Addition of the steps required for the EDI connection (§1) • Paragraph §5 of the general documentgeneral transferred towards the paragraphs §2 and §12 of this appendix relative to the EDI connection • CII 14B syntax transferred towards the Chorus Facture appendix • Parts §8.2.2.2, §8.2.2.3 et §8.3.2.2, §8.3.2.3 relative to the CII 14B and FEN135 syntaxes deleted • Rule G2.06 restored for all syntaxes • Rule G2.10 relative to the intra-Community VAT number deleted • Correction of the fields coming from the udt and qdt directories (8.2.2) • References to the rule G1.09, for CII 16B (8.2.2), CII 16B minimal (8.3.2) and Factur-X (8.3.5), deleted • Rule G2.29 added: the service by default of a PMO (work invoices only) has an access in the "Work invoices" area

		• Multiplicity of Delivery block (E1 format: 4.2.1, E2 format: 4.2.2) corrected. The block is required and unique but the field within it are all optional • Multiplicity of the id type corrected: it has become optional for the customer, the factor and the validator (only E1 format: 4.2.1) • Multiplicity of the id type corrected: it has become optional for the supplier, the customer and the validator (only E2 format: 4.2.2) • Rule S2.18 deleted • Validator and payee blocks become optional (E1 flow: 4.2.1; E2 flow: 4.2.2) • Rule S1.07 modified

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INTRODUCTION

This EDI connection mode appendix details input formats accepted by Chorus Pro as wall as output formats emitted by Chorus Pro to public entities and to suppliers (lifecycle). The management rules associated with the various formats, the using modalities of style sheets, modalities for compressing and signing feeds are also presented.

The first part of this document is a reminder of the main steps of the EDI connection project of a private structure to the Chorus Pro solution.

1 EDI CONNECTION PROTOCOL

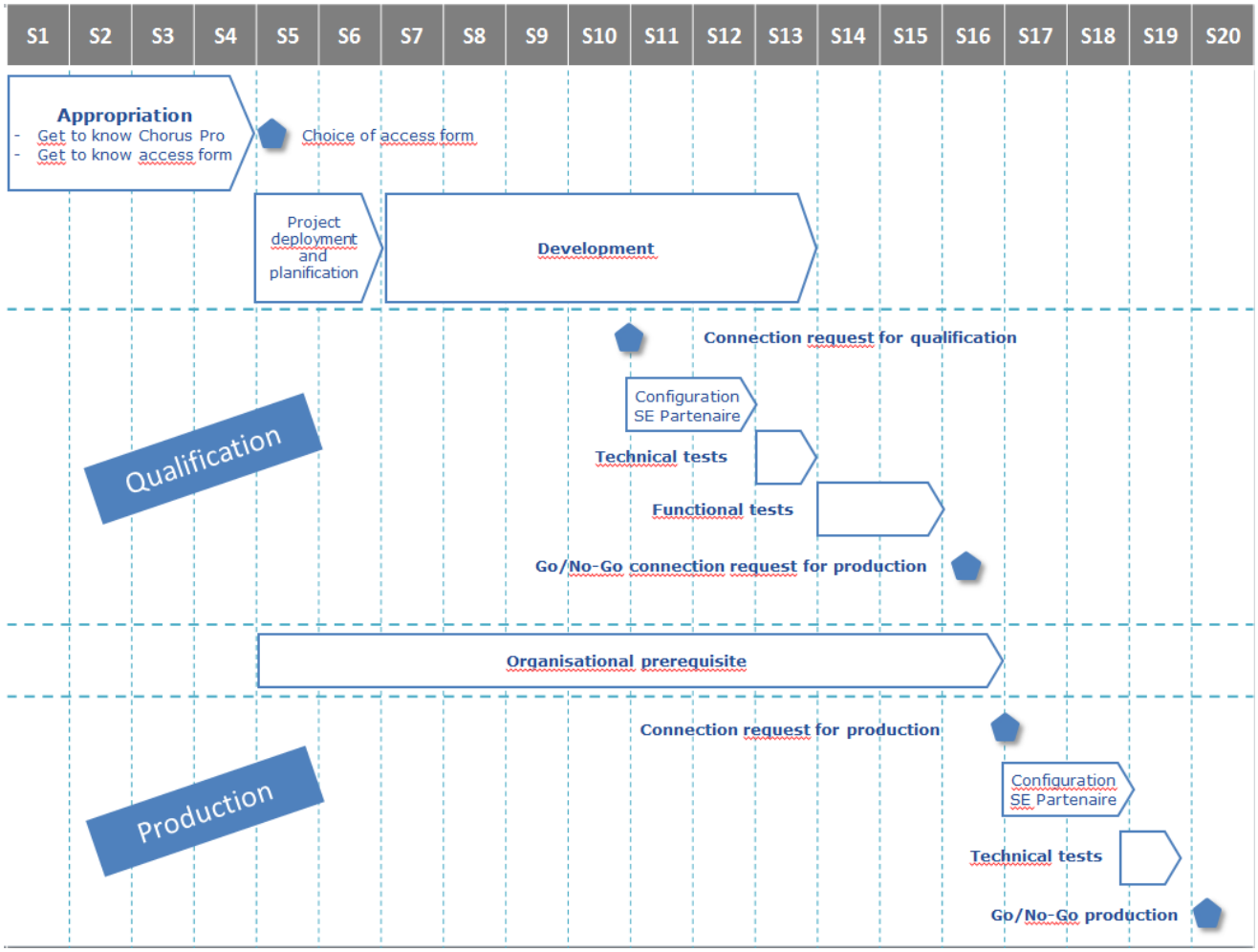
Before being operational in production, few steps are needed in order to connect to Chorus Pro in EDI mode and send factures through. This chapter is not intended to be an operating model but indicates the steps necessary to ensure a good connection.

Steps 1 & 2: Appropriation and choice of access form

If you do not have chosen your connection mode yet, you need to read the documentation pages on the website Chorus Pro Community.

Step 3: Deployment and planification

This step is essentiel to check the feasability of an EDI connection, to identify possible difficulties, to define the prerequisites to implement the project and to draw a first connection planning and a deployment planning.
As an illustration, this is an example of planning for a connection project in EDI mode:



Step 4: Development

IT development is essential to adapt the partner's information system to the normalised formats accepted by Chorus Pro (direct connection option), or to send the right information to a dematerialization operator. Following chapters details all the exchange formats available on Chorus Pro. During this stage, it is necessary to check the necessary adaptations for the proper integration of the return flows into the partner's information system.

Step 5: Qualification

Qualification allows, thanks to connection on the Chorus Pro Qualification Portal, to execute the technical tests of connection and the technical tests of functional qualification[1].
These tests consist at first in making sure that both exchange systems are able to send and receive flows. The Protocol of connection describes the tests to be made. The tests of functional qualification aim at verifying the technical validity of the sent flows and the R-flows.
It is an opportunity to test the features of the portal that are a help to EDI connection. For example, it is possible to download the models of Pivot flow (S) and lifecycle flow (R).
It is only once the functional tests enough advanced that it is possible to cross in real production. Thus it is necessary to estimate well the scale of the perimeter to be tested before moving on to the next step. It is recommended to make at least 80 % of the present tests in the catalog of tests of qualification supplied by the AIFE. The scale of the perimeter stays in the full responsibility of the partner..

This step can be resumed as following:

1. Get to the Chorus Pro Qualification Portal
2. Create a request of EDI connection on the Chorus Pro Qualification Portal
3. Execute the technical tests of connection
4. Qualify the flows
5. Get to the Chorus Pro Portal
6. Create a request of EDI connection on the Chorus Pro Portal

Step 6: Organizational requirements

This step can be parallelized.

This step consists in checking that people in charge of the issued invoices have access to all the informations required by invoicing and most particularly:
• the SIRET number of the recipients ;
• the service code (if necessary) ;
• the commitment reference (if necessary).

This checking makes easier the starting up and production-beginning step.

Step 7: Starting up monitoring

After the request of connection in the production environment, the first flow deposits can be achieved. The page relative to the Connection Protocol (available on the Communauté Chorus Pro) describes in details the technical connection process.
NB: it is no longer allowed to execute technical tests on this environment.

[1] The Qualification area is described in the chapter 6 of the Portal Solution of the External Specifications

2 THE FILE TRANSFER PROTOCOLS CONCERNING THE CONNECTION OF THE SUPPLIERS

In order to enable data flow exchanges, Chorus Pro provides private suppliers with the following three file transfer protocols:

- PeSIT HS E,
- SFTP,
- AS/2.

A partner can use only one of these protocols.

These protocols enable the direct connection between a private supplier information system and Chorus Pro in EDI mode. EDI connections with Chorus Pro enable to exchange large flow in order to process them efficiently. Therefore, flows should contain at least 10 invoices, particularly for dematerialization operators and third-party teletransmission.

The IS of the local public sector entities and the national public institutions are not directly connected to Chorus Pro in EDI mode, but through their third party teletransmission operator connected to the SE DGFiP. These third parties may offer other file transfer protocols than those presented below.

2.1 PeSIT HS E

2.1.1 General principles

2.1.1.1 Definition

PeSIT (**P**rotocole d'**E**changes pour un **S**ystème **I**nterbancaire de **T**élécompensation) is a file transfer protocol that enables the sending of files between two connected information systems, including an issuer of requests and a server.
The data exchange principle is based on the FPDU (*File transfer protocol Data Unit*) messages, exchanged between two counterpart PeSIT units: the one issuing requests and the server. These messages contain a protocol header, a variable area containing the PeSIT protocol management information (namely, the parameters) and file data.

2.1.1.2 Requirements for connection to Chorus Pro exchange system

To request a connection to Chorus Pro exchange system through the PeSIT protocol, the users must:

- use a transfer monitor that supports the PeSIT HS E protocol,
- use a sequential number allocation utility,
- define a procedure for issuance and receipt.

2.1.1.3 Security requirements

The security of the protocol must initially be ensured by a TLS connection.

2.1.2 Exchange procedures

The PeSIT protocol allows two connected information systems to transfer a file in either direction between a server and a client. Chorus Pro will act as a server when it is the recipient of a file, and as the client when it is the issuer of a file.

2.1.2.1 Authentication

The server and the client respectively send out a server and SSL client certificate for mutual validation. The partner certificates are monitored by the Certificate Verification Service of the AIFE.

2.1.2.2 Naming rules

A precise description of naming rules can be found at chapter 5.7 of this document.
Four structuring parameters characterise a file, regardless of the partner and the type of flow:

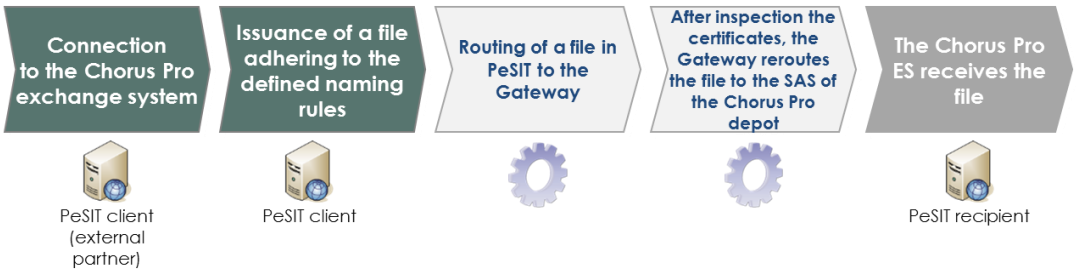
- An interface identifier (depending on the format of the transferred flow)
- The interface code
- The code of the application sending or receiving the flow
- A sequential number incremented by the flow sender

2.1.2.3 Transfer process with the PESIT protocol

In the context of exchanges between Chorus Pro and it's partners, the PESIT HS E protocol is only used in "push" mode, which means that the partner may, on their own initiative, send a file directly to the recipient. In the event of the failure of the transfer, the protocol monitor can repeat the exchange several times before providing notification of the failed transfer.

2.1.2.4 Kinematics of a PESIT transfer

Outward flow of a transfer using the PeSIT protocol:



Return flow of a transfer using the PeSIT protocol:

2.2 SFTP

2.2.1 General principles

2.2.1.1 Definition

The **S**ecure **F**ile **T**ransfer **P**rotocol (or **S**SH **F**ile **T**ransfer **P**rotocol) is a client/server type file transfer protocol, that enables encryption of the entire connection, including passwords and the content of the transfers. It is a variant of the FTP protocol that "tunnels" the session through a Secure Shell (SSH) connection to secure it.

2.2.1.2 Requirements for connection to Chorus Pro exchange system

To request a connection to Chorus Pro exchange system through the SFTP protocol, the users must:

- use an SFTP client,
- use a sequential number allocation utility,
- define a procedure for issuance and receipt.

2.2.1.3 Security requirements

The security of the protocol must initially be ensured by:

- the public key of the AIFE server that will be made available to the partner who wishes to exchange through this protocol (through URLs, on the principles of TLS exchanges),
- the following encryption algorithms must be supported by the partners: AES128_CBC and AES256_CBC,
- the pair of RSA keys used for client authentication.

2.2.2 Exchange procedures

The SFTP protocol enables the transfer of a file in either direction between a server and a client. Chorus Pro will always act as a server-issuer, and the partners will remain clients, irrespective of the direction of the transfer.

2.2.2.1 Authentication

Authentication is done using an RSA key pair. The public key of the partner must be communicated to AIFE during the connection phase in accordance with the current rules for the TLS flows.
The public key of the partner may be provided in the form of an X509v3 certificate.

2.2.2.2 Naming rules

A precise description of naming rules can be found at chapter 5.8 of this document.
Four structuring parameters characterise a file, regardless of the partner and the type of flow:

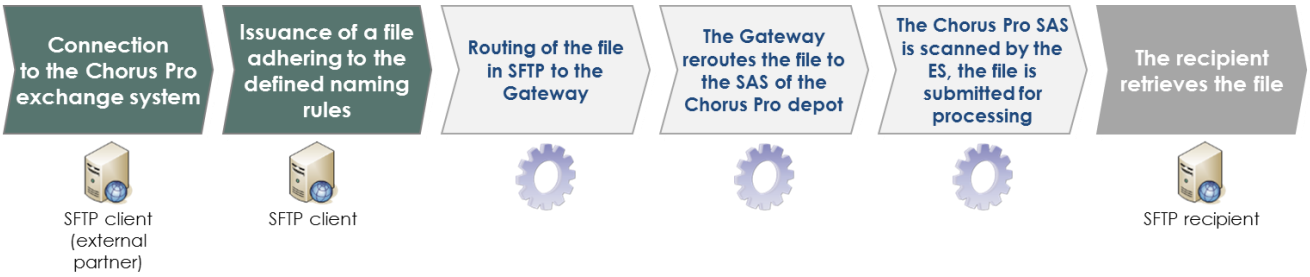
- An interface identifier (depending on the format of the transferred flow)
- The interface code
- The code of the application sending or receiving the flow
- A sequential number incremented by the flow sender

2.2.2.3 Transfer process with the SFTP protocol

In the context of using the SFTP protocol, the partner must place on AIFE's SFTP server the files that they want to upload to Chorus Pro. Likewise, the partner will have to remove the files from the AIFE server that will be available to them through Chorus Pro. In this context, the removal period before files will be purged is set for a duration of **one week**. After this time, the files will be automatically purged and will not be available anymore.
Each partner can use its own file submission and retrieval SAS.
Each partner is allowed to use automatons (scripts or utilities) which can submit or recover files. A submitted file **can be recovered only once**.
Recovering available files (out of recycling) or files from the directory of recycling (out of listing) is forbidden.
If something goes wrong during a recovery, you can send a message to your Chorus Pro technical support.

2.2.2.4 Kinematics of a SFTP transfer

Outward flow of a transfer using the SFTP protocol:



Return flow of a transfer using the SFTP protocol:

2.3 AS/2

2.3.1 General principles

2.3.1.1 Definition

The **A**pplicable **S**tatement **/2** protocol is a file transfer protocol running in "push" mode, allowing the partner to send a file to the recipient directly and on their own initiative. AS/2 specifies the mode of connection, delivery, validation and acknowledgement of data. This protocol has the feature to integrate a protocol acknowledgement system called MDN.

2.3.1.2 Requirements for connection to Chorus Pro exchange system

To request a connection to Chorus Pro exchange system through the AS/2 protocol, the users must:

- use a AS/2 server for receiving messages,
- use an AS/2 client for issuance,
- have servers that can handle synchronous and signed MDN,
- use a sequential number allocation utility,
- define a procedure for issuance and receipt.

2.3.1.3 Security requirements

The protocol is secured. The transport layer thus does not require TLS. The partners must nevertheless have certificates to carry out the following operations:

- signature (SHA-2),
- encryption (AES 256),
- authentication with a public key.

2.3.2 Exchange procedures

2.3.2.1 Authentication

The use of the electronic signature mechanism provided by the AS/2 protocol allows the authentication of the partners. The partners will have to provide their certificate in advance to AIFE.

2.3.2.2 Transfer and naming rules

The files created must comply with the following rules:

- the sent files respect the S/MIMIE protocol,
- the name of a file for the protocol parameters will be conveyed in the name of the attachment.

A precise description of naming rules can be found at chapter 5.8 of this document.
Four structuring parameters characterise a file, regardless of the partner and the type of flow:

- An interface identifier (depending on the format of the transferred flow)
- The interface code
- The code of the application sending or receiving the flow
- A sequential number incremented by the flow sender

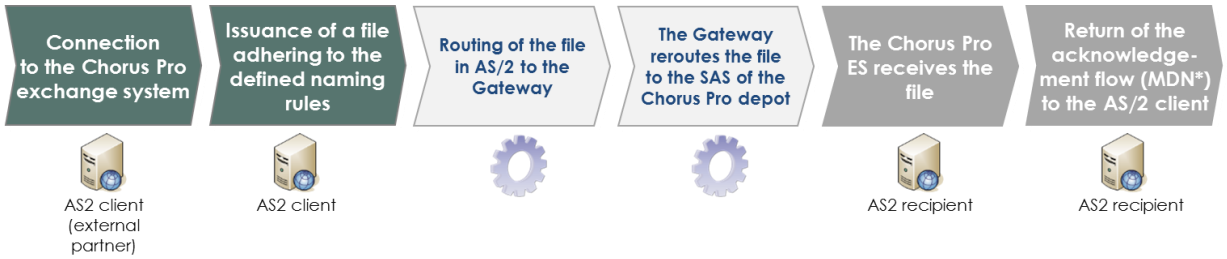
2.3.2.3 Transfer process according to the AS/2 protocol

The file to be transmitted is encapsulated in the AS/2 request, in the form of an attachment, which is named based on the nomenclature defined for PeSIT HS E. This data envelope is then sent over the internet using the standard protocols. Data is transmitted by the http protocol in a POST request to a static IP address.
The AS/2 protocol enables the implementation of security levels, the messages are signed using an SHA-2 algorithm and exchanges are encrypted using an AES 256 algorithm.

OK acknowledgements (MDN) are generated in synchronous mode and signed to convey the success (OK) or the failure (NOK) of the transfer to the client.In the event of an NOK acknowledgement, the transfer must be repeated. The AS/2 is based on HTTP protocol; the HTTP does not include an automatic recovery mechanism. Thus, if you do not get your acknowledgements, please do not send again your files. Please inform your Chorus Pro technical support, who will check the status.

2.3.2.4 Kinematics of an AS/2 transfer

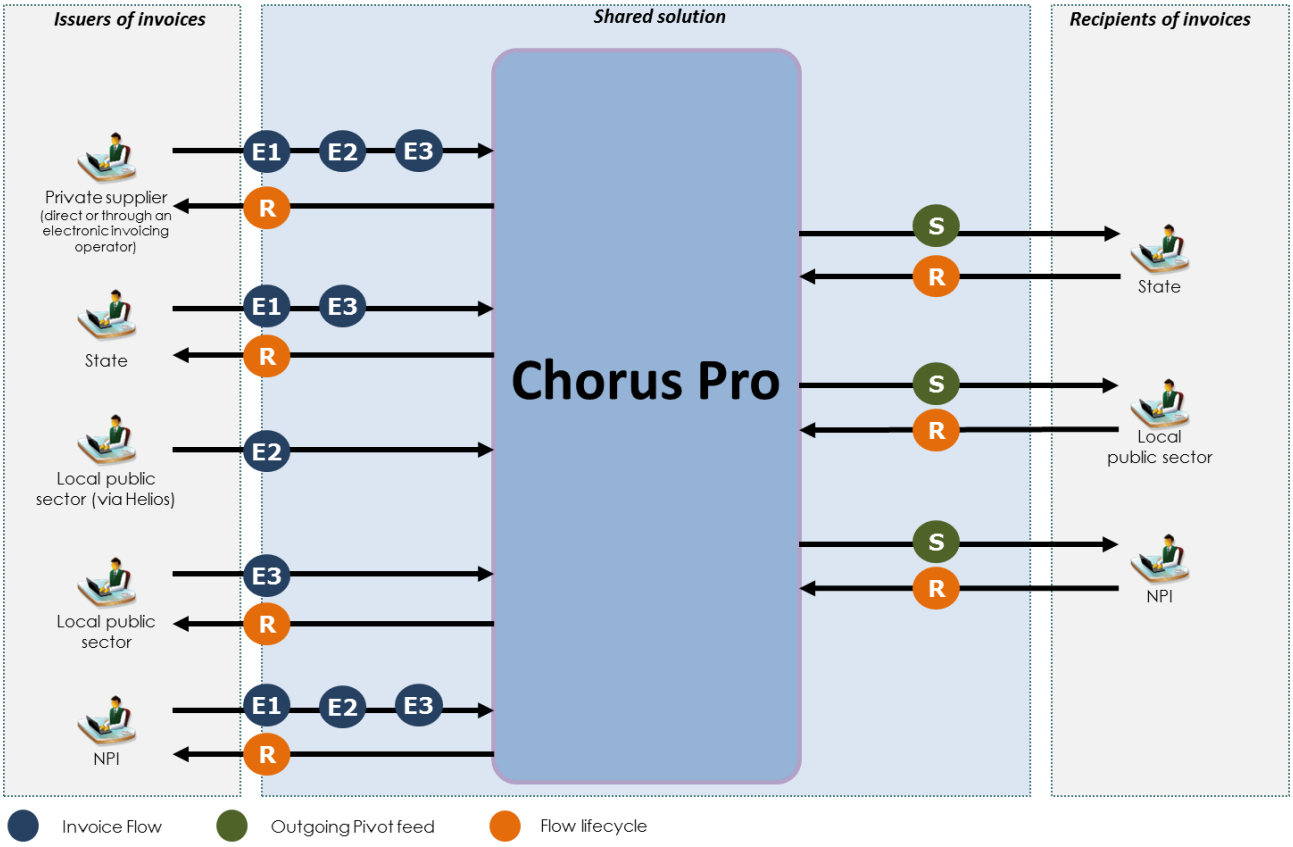
Outward flow of a transfer using the AS/2 protocol:



Return flow of a transfer using the AS/2 protocol:

3 OVERVIEW OF THE FLOWS PERTAINING TO CHORUS PRO

The diagram below shows the electronic invoicing system and the key external systems involved in the issuance/submission of the invoices and their processing.



- The **Pivot flow (S)** is the reference format of the data that conveys the necessary and sufficient information for the integration of the invoices in the various public sector management information systems. It contains the data that enables the creation of a mandate or payment request, the invoice in the form of an attachment, as well as any additional supporting documents transmitted by the issuer in the original format.
- The Invoice type flows:
  - The **Invoice structured flow (E1)** conveys the set of data of an invoice sent by a supplier, as well as the attachments (structured or unstructured data).
  - The **Invoice mixed flow (E2)** conveys the minimal set of invoice data sent by a supplier, as well as the attachments (structured or unstructured data), of which at least one represents the invoice.
  - The **Memorandum on Justice Costs structured flow (E3)** conveys the set of data of a memorandum on justice costs sent by a supplier, as well as the attachments (structured or unstructured data).
- **The Life cycle flow (R)** consists of the data concerning the advancement of the payment process of each invoice file, and, in particular, the chronological list of the "statuses" relating to the processing of the different invoice modes at each processing stage.

3.1 Exchange flow matrices

3.1.1 FLOW matrices by stakeholder type

The matrices below summarise the characteristics of the flows issued and received by type of stakeholder involved.
All of the formats referenced by the CEN2 will be accepted by Chorus Pro.

3.1.1.1 For a private Supplier connected in EDI mode

Flow Code	Flow Type	Issuer	Recipient	Mode	Format
E1	Invoice structured flow	Supplier IS	Chorus Pro	EDI	UBL-Invoice Format CII PES Facture
E2	Invoice mixed flow	Supplier IS	Chorus Pro	EDI	UBL-Invoice minimal CII minimal CPP Factures Minimal PES_Factures Minimal Format PDF/A3[3]
E3	Memorandum on Justice Costs structured flow	Supplier IS	Chorus Pro	EDI	UBL-Invoice
R	Life cycle	Chorus Pro	Supplier IS	EDI	AIFE_Statut CPPStatutPivot

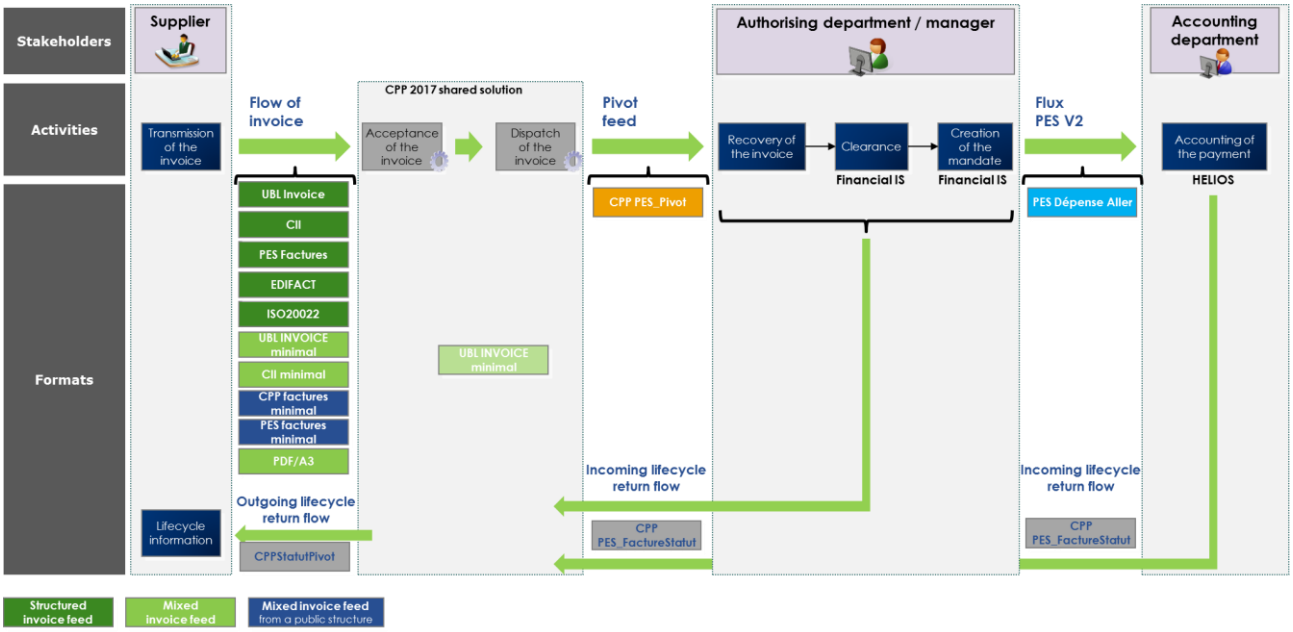
NB:the formats used to transmit invoices to the State through the current Chorus Factures solution will be accepted by Chorus Pro. Backwards compatibility is thus ensured for suppliers that are already connected.

3.1.1.2 For a local public sector entity connected in EDI mode

Flow Code	Flow Type	Issuer	Recipient	Mode	Format
E2	Invoice Mixed Flow	LPS IS	Chorus Pro	EDI	CPP Factures Minimal
E3	Memorandum on Justice Costs structured flow	LPS IS	Chorus Pro	EDI	UBL-Invoice
S	Pivot	Chorus Pro	Authority IS	EDI	CPPFacturePivot
R	Incoming Life cycle	LPS IS	Chorus Pro	EDI	CPPStatutPivot
R	Outgoing Life cycle	Chorus Pro	Supplier IS	EDI	CPPStatutPivot

[2] European Committee for Standardization
[3] Ibid

The diagram below shows the overview of the existing flows concerning the invoice treatment process and the accounting operation of the expenditure those results from it.



3.1.1.3 For a national public institution connected in EDI mode

Flow Code	Flow Type	Issuer	Recipient	Mode	Format
E1	Invoice structured flow	National Public Institutions IS	Chorus Pro	EDI	UBL-Invoice PES Facture
E2	Invoice mixed flow	National Public Institutions IS	Chorus Pro	EDI	UBL-Invoice minimal CII minimal CPP Factures Minimal PES_Factures Minimal Format PDF/A3[4]
E3	Memorandum on Justice Costs structured flow	National Public Institutions IS	Chorus Pro	EDI	UBL-Invoice
S	Pivot	Chorus Pro	National Public Institutions IS	EDI	CPPFacturePivot
R	Incoming Life cycle	National Public Institutions IS	CHORUS PRO	EDI	CPPStatutPivot
R	Outgoing Life cycle	Chorus Pro	National Public Institutions IS	EDI	CPPStatutPivot

[4] Ibid

3.2 Presentation of the formats accepted by EDI flow type

3.2.1 The accepted formats for the outgoing flows of the partners to Chorus Pro

Type of flow	Formats referenced in the external specifications	Accepted formats
E1 (Invoice structured flow)	UBL Invoice	UBL 2.0 UBL 2.1 UBL-PEPPOL UBL-FEN105 UBL Factures publiques
	CII	CII 16B
	PES Facture	PES_Factures_ASAP PES_Factures
E2 (Invoice mixed flow)	CPP Factures Minimal	CPP Factures Minimal
	PDF/A3	CII 16B
	UBL minimal	UBL minimal 2.0 UBL minimal 2.1 UBL-PEPPOL minimal UBL-FEN105 minimal
	CII minimal	CII 16B
	PES Facture minimal	PES_Factures_ASAP PES_Factures
E3 (Memorandum on Justice Costs structured flow)	UBL Invoice	UBL 2.0 UBL 2.1
R (life cycle)	CPP Status	CPP Status

3.2.2 The accepted formats for the outgoing Chorus Pro flows to the partners

Type of flow	Format referenced in the external specifications	Accepted formats
S (Pivot Flow)	CPP Facture Pivot	CPP Facture Pivot
R (Life cycle)	AIFE Status	AIFE Status
	CPP Status	CPP Status

4 GENERAL DESCRIPTION OF THE DATA BY FLOW TYPE

For each flow, the tables showing the constituent data of the flow specify:

- the constituent data of the flow,
- their mandatory or optional nature,
- their multiple or singular nature,
- their description,
- the reference to the applicable generic management rules.

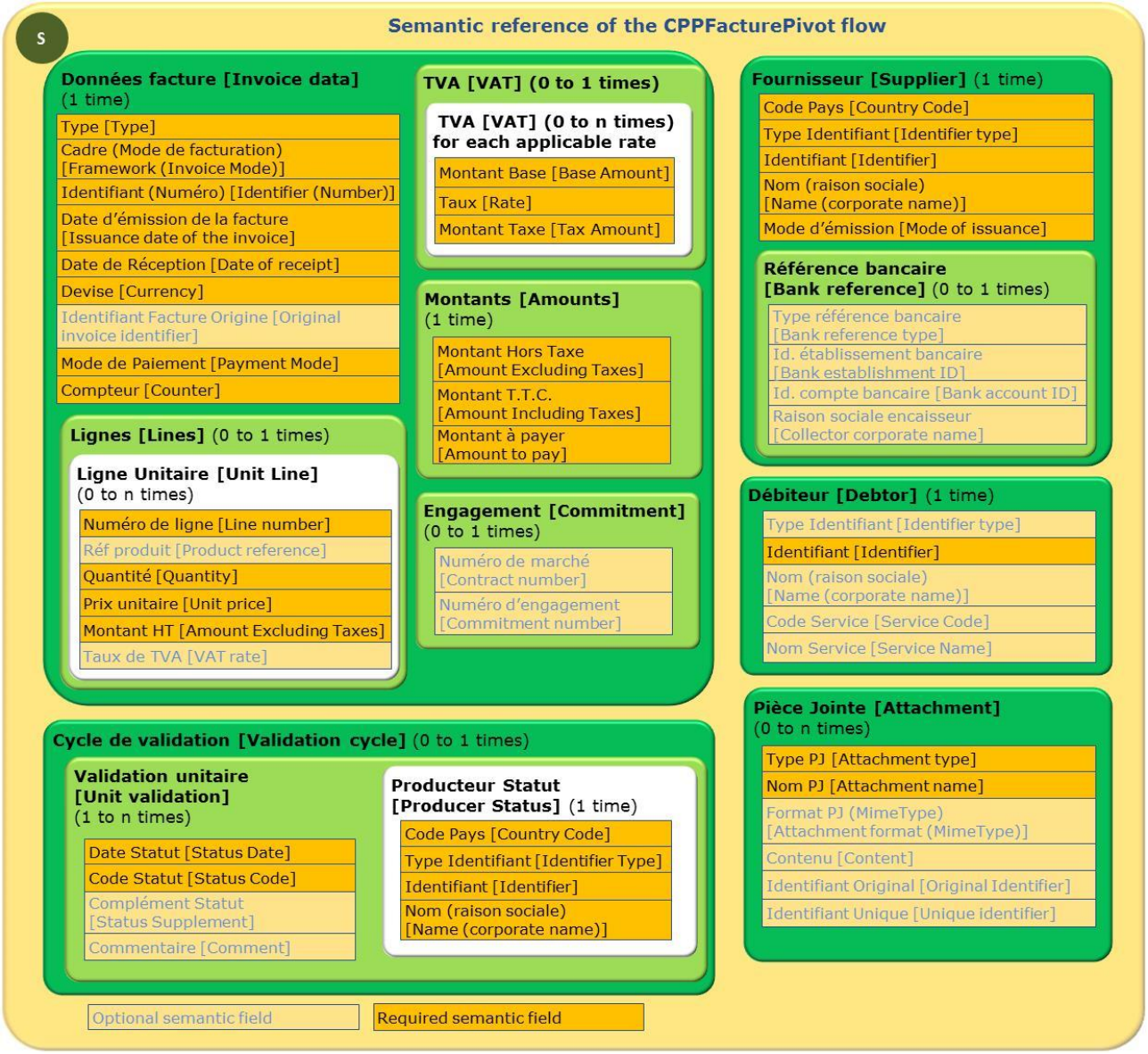
This section does not describe the technical data of the flows for the purpose of security, routing or traceability.

4.1 Description of the Pivot flow (S)

The Pivot flow is generated by Chorus Pro to transmit the invoices made available in Chorus Pro that are addressed to state services, the local public sector or public institutions. This Pivot flow is used for transfer in EDI mode but may also be created on demand via portal download or via API.

A Pivot flow consists of:

- The envelope data
- XML-structured pivot data
- An invoice type attachment in the original format
- Attachments consisting of any applicable additional documents:
  - A PDF version of the original invoice, in the event when the invoice of the supplier was sent through E1 flow
  - A PDF follow-up report that permits to visualize the validation cycle of the invoice if the "Validation cycle" item is filled
  - The attachments transmitted by the supplier in the original invoice flow



NB:The "Date of Receipt" tag allows the conveyance of the date on which the invoice was considered by Chorus Pro when it differs from the Issue date of the invoice. The effective date of receipt can differ from the date of issuance of the invoice indicated by the supplier in the flow that the supplier transmits.

By way of illustration, the diagram below helps visualize how the data of an invoice can be extracted to create the Invoicing Pivot format.
The tables below describe the generic structure of the XML-structured data of the pivot flow grouped by the main items. The data components of each of the items are described in the following tables.
The M/O column indicates whether the data block is mandatory or optional in the flow. If an optional block is used, some of the data comprising it may be declared mandatory.
The "Plurality" column indicates whether a "Single" occurrence is allowed, or if "Multiple" occurrences are allowed. Each reference to the "Rules" refers to the table of Chapter 5.3 listing all the rules applicable to the generic data.

Invoicing Pivot				
Item	**M/O**	**Plurality**	**Description**	**Rules**
Invoice data	M	Single	General information about the invoice	
Invoice data - Lines	O	Single	Information about the lines of the invoice describing the provisions of goods and services and their prices	
Invoice data – Lines – Unit line	O	Multiple	Information about an invoice line describing the provisions of goods and services and their prices	G6.04
Invoice data - VAT	O	Multiple	Summary of the tax amounts by rate	G1.22
Invoice data – VAT – VAT for each applicable rate	O	Multiple		
Invoice data - Amounts	M	Single	Information about the invoice amounts	
Invoice data - Commitment	O	Single	Information about the founding commitment of the invoice	
Supplier	M	Single	Information about the supplier	G2.11
Supplier - Bank references	O	Single	Information about the bank data of the supplier	
Debtor	M	Single	Information about the recipient public structure of the Invoice	G2.12
Attachment	M	Multiple	Attachment(s) including the invoice in its original format as issued by the supplier and accepted upon entry into Chorus Pro	G4.05 G4.07 G4.08 G4.09 G4.10
Validation cycles	O	Single	Information concerning validations	

Item	M/O	Plurality	Description	Rules
Validation cycle - Unit validation cycle	M	Multiple		
Validation cycle - Unit validation cycle – Producer status	M	Single		
Counter	M	Single	Information on the number of individual invoices	

NB:The management rules presented above apply to the entirety of the block concerned

Invoice Data Item (Mandatory and Single)

Name	M/O	Plurality	Description	Rules
Type	M	Single	The type enables the identification of whether it is an invoice or a credit note.	G1.01
Framework (invoice mode)	M	Single	Defines the invoicing mode corresponding to the completed provisions of goods and services of the invoice or their payment: - standard (single-supplier) - Joint-contracting (general or single) - Subcontracting - Works contracts - …	G1.02 G1.03 G1.33 G1.34
Identifier (number)	M	Single	The identifier (number) of the payment request issued by the Supplier (unique identifier of the invoice or credit note)	G1.05 G1.06
Issue date of the invoice	M	Single	Invoice date as specified by the Supplier	G1.07 G1.09
Date of receipt	M	Single	Date of receipt of the payment request by Chorus Pro platform	G1.08 G1.09
Currency	M	Single	Currency pertaining to all of the invoice amounts (must be a single currency)	G1.10 G1.11 G1.12
Original Invoice Identifier	O	Single	In the event of a credit, the number of the payment request applicable to the credit note.	G1.05
Payment mode	M	Single	Specifies the information relating to the payment terms requested by the supplier	G1.14 G1.15

Invoice Data Item - Amounts (Mandatory and Single)

Amount Excluding Taxes	M	Single	Amount excluding taxes for the provisions of goods and services listed in the invoice after any possible discounts	G1.13
Total Amount Including Taxes	M	Single	Total Amount Including Taxes for the provisions of goods and services listed in the invoice after any possible discounts	G1.13
Amount to pay	M	Single	Amount to pay, which can be less that the Total Amount Including Taxes in certain cases	G1.13 G1.33

Invoice Data Item - VAT (Optional and Multiple):
as many occurrences as VAT rates applicable to the invoice

Name	M/O	Plurality	Description	Rules
Base amount	M	Single	For each applicable VAT rate in the invoice, the total amounts, excluding taxes, associated with the relevant VAT rate	G1.13
Rate	M	Single	For each applicable VAT rate in the invoice, the relevant VAT rate	G1.24
Tax amount	M	Single	For each applicable VAT rate in the invoice, the total amount of the VAT applied.	G1.13

Invoice Data Item – Lines – Line (optional and multiple)

Name	M/O	Plurality	Description	Rules
Number	M	Single	Number corresponding to the invoice line number	G6.01
Product reference	O	Single	Reference, code of the article or of the provision of the good or service:information area	P1.01
Invoiced quantity	M	Single	Number of invoiced quantities	P1.03 G6.05

Name	M/O	Plurality	Description	Rules
Unit price	M	Single	Unit price (excluding taxes) before discounts by Delivery Unit	G1.13 G6.05
Amount Excluding Taxes	M	Single	Amount excluding taxes after discounts for the line	G1.13
VAT Rate	O	Single	Applicable VAT rate	G1.24

Invoice Data Item - Commitment (Optional and Single)

Name	M/O	Plurality	Description	Rules
Buyers contract number	O	Single	Identifies the contract (contract number or agreement number)	G3.03
Commitment number	O	Single	Commitment identifier (purchase order or number of the executable contract)	G3.01 G3.04

Supplier Item (Mandatory and Single)

Name	M/O	Plurality	Description	Rules
Country code	M	Single	Identifies the country where the third party supplier is registered	G2.01 G2.03
Identifier type	M	Single	Identifies the registration reference of the supplier (SIRET, RIDET, etc.)	G2.05 G2.06
Identifier	M	Single	The identification number of the supplier in the indicated reference	G2.06 G2.07 G2.08 G2.14
Name (corporate name)	M	Single	Common name, corporate name or identity of the third party supplier	G2.09
Mode of issuance	M	Single	Indicates the mode of production of the invoice (i.e.:flow, digitised, entry, PDF)	G1.32

Supplier Item - Bank reference (Optional and Single)

Name	M/O	Plurality	Description	Rules
Bank reference type	O	Single	Nature of the banking reference used to identify a bank account	G1.16 G1.17 G1.21
Bank account ID	O	Single	IBAN/bank account number to which to make payment	G1.17 G1.18 G1.21
Banking institution identifier	O	Single	BIC of the bank account/bank code and sort code to which to make payment	G1.17 G1.19 G1.20 G1.21
Payee corporate name	O	Single	Name of the third party payee in the case of factoring	G2.09

Debtor Item (Mandatory and Single)

Name	M/O	Plurality	Description	Rules
Identifier type	O	Single	Identifies the registration reference of the debtor (SIRET, RIDET, etc.)	G2.05 G2.06
Identifier	M	Single	The SIRET number of the public organisation	G2.14 G2.16
Name (corporate name)	O	Single	Name of the organisation or corporate name (as specified in the Contract/Purchase Order)	G2.09
Service code	O	Single	Codification of the services at the organisation of the invoice recipient. This codification enables the automated or manual routing of the invoice at the organisation	G2.19 G2.29
Service name	O	Single	The name of the service at the organisation of the invoice recipient. It allows the manual routing of the invoice to this service	G2.21

Attachment Item (Mandatory and Multiple):
as many occurrences as attachments to the invoice

Name	M/O	Plurality	Description	Rules
Order number	O	Single	Number of the attachment item if several attachment blocks are indicated	
Unique identifier (URI)	O	Single	A unique URL that enables access to the archived version of the Document, in this case, a SMA Reference. This field is used for invoices directed to the State	G4.10
Attachment type	M	Single	Defines the nature of the document	G4.01 G4.05 G4.06
Attachment name	M	Single	Attachment name	G4.09 G4.11 G4.12 G4.13 G4.16
Attachment format - MimeType	M	Single	Defines the electronic format of the document (using the Mime Type)	G4.03
Content	O	Single	The compressed and encoded content of the original file embodying the document	G4.04 G4.07 G4.08 G4.10
Original identifier	O	Single	Identifier of the invoice created by the Chorus IS digitization. The valuation of this data shows that the invoice was acquired through digitization by the Chorus IS	G1.27

Validation cycle item – unit validation (Optional and Multiple):
as many occurrences as validators

Status date	M	Single	Date and time of the event that generated the status	G1.25
Status code	M	Single	Definition of the event	G5.07
Status supplement	O	Single	Standardised description of the event	
Comment	O	Single	Supplement to the event description. E.g.: reason for the rejection	P1.09

Validation cycle item – producer of the life cycle status (Optional and Multiple): as many occurrences as life cycle items

Identifier type	M	Single	Identifier type of the status producer	
Identifier	M	Single	Heading indicating what information system or application has generated the status	
Corporate name	M	Single	Corporate name of the status producer	G2.09
Country code	M	Single	Country code of the status producer	

4.2 Description of invoice type flows

4.2.1 Description of the Invoice structured flow (E1)

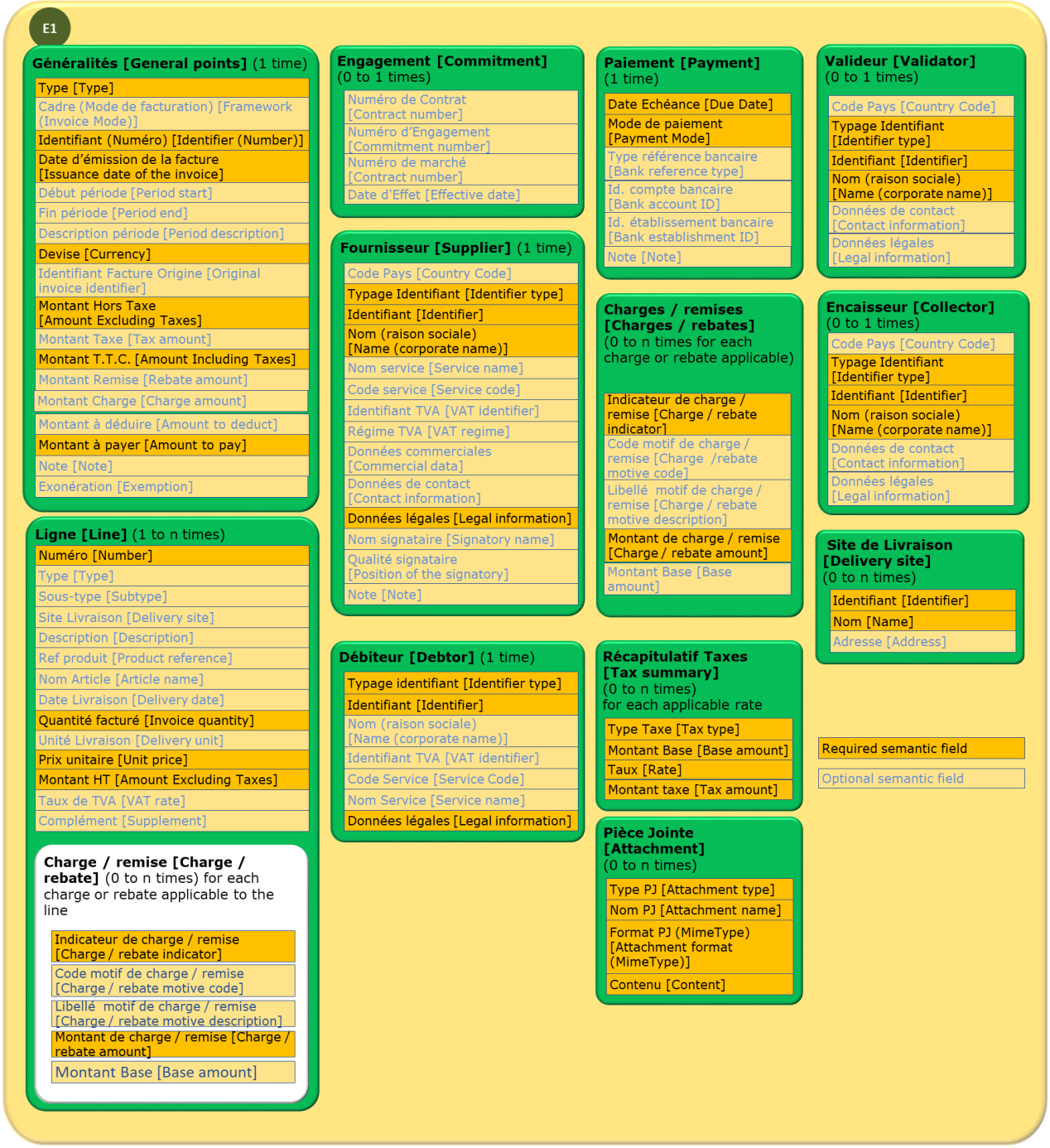
The matrices described below are not intended to identify all the data that can be on an invoice, but the minimum data to produce an Invoice object from a generic style sheet. The other data will not appear through the generic style sheet of the invoice.
In the event that the supplier sends the URL reference of their style sheet, this additional data can be entered and displayed on the invoice.

The Invoice structured flow includes 4 types of data:

- The data that is strictly necessary for the processing of the invoice by the accounting and financial systems of the State, the local authorities or the national public institutions: this data is used to constitute the invoicing Pivot Flow described in the relevant chapter and should be systematically indicated by the supplier,
- Possibly, the XML data relating to specific billing modes (for example: validator block),
- The data of an invoice in accordance with regulations, the Tax Code and the Commercial Code, as described above,
- The additional data allowing the representation of an Invoice in full with all the details.

An Invoice structured flow can contain several batches of XML-structured data each presenting an invoice.
A flow can contain a maximum of 500 invoices and has a total maximum size of 1GB.
A flow thus consists of:

- The XML-structured data necessary for invoicing,
- The XML-structured data representing all of the invoices,
- Attachments consisting of supplemental documents, if applicable.



The tables below describe the generic structure of the XML-structured data of an invoice grouped by the main items. The data components of each of the items are described in the following tables.

The "M/O" column indicates whether the data block is mandatory or optional in the flow. If an optional block is used, some of the data comprising it may be declared mandatory.

The "Plurality" column indicates whether a "Single" occurrence is allowed, or if "Multiple" occurrences are allowed.

Each reference to the "Rules" refers to the table of Chapter 5.3 listing all the rules applicable to the generic data.

Supplier structured invoice

Item	M/O	Plurality	Description	Rules
General information	M	Single	General information about the invoice	G1.28
Charges/rebates	O	Multiple	Information about the charges and rebates broadly applicable to the invoice	G1.30 G6.04
Tax summary	O	Multiple	Summary of the tax amounts by rate	G1.22
Commitment	O	Single	Information about the founding commitment of the invoice	
Supplier	M	Single	Information about the Supplier issuing the Invoice	G2.11
Debtor	M	Single	Information about the recipient public structure of the Invoice	G2.12
Line	M	Multiple	Information about the lines of the invoice detailing the provisions of goods and services and their prices. The lines allow the designation of taxes other than VAT.	
Line – Charge/rebate	O	Multiple	Information about charges / rebates within an invoicing line	G6.06
Payment	M	Single	Information about the invoice payment	
Validator	O	Single	Information about the validating entity (holder of the purchase order, authorised representative, private project manager)	G2.22 G2.23 G2.24
Payee	O	Single	Information about the organisation to which the accountant must make the payment in case of factoring	
Delivery site	M	Unique	Information about the possible delivery sites for the provisions of goods and services listed in the Line block	
Attachment	O	Multiple	Attachment(s) to the invoice: supporting or not	G4.07 G4.08 G4.09

Bathe management rules presented above apply to the entirety of the block concerned

General information Item (mandatory and single)

Name	M/O	Plurality	Description	Rules
Type	M	Single	The type enables the identification of whether it is an invoice or a credit note	G1.01
Framework (Invoice mode)	O	Single	Defines the invoicing mode corresponding to the completed provisions of goods and services of the invoice or their payment: - Standard - Joint-contracting - Subcontracting - Works contracts	G1.03 G1.33 G1.34 G1.35
Identifier (number)	M	Single	The identifier (number) of the payment request issued by the Supplier (unique identifier of the invoice or credit note)	G1.05 G1.06
Issue date of the invoice	M	Single	Invoice date as specified by the Supplier	G1.07 G1.09
Start of period	O	Single	Start date of the invoice period	G1.09
End of period	O	Single	Closing date of the invoice period	G1.09
Period description	O	Single	Description of the invoice period	P1.08
Currency	M	Single	Currency pertaining to all of the invoice amounts	G1.10 G1.11 G1.12
Original Invoice Identifier	O	Single	In the event of a credit, the number of the invoice applicable to the credit note	G1.05
Amount Excluding Taxes	M	Single	Amount Excluding Taxes for the provisions of goods and services listed in the invoice after any possible discounts	G1.13
Tax Amount	O	Single	Total Amount of Taxes due for the provisions of goods and services listed in the invoice after any possible discounts on the lines	G1.13
Total Amount Including Taxes	M	Single	Total Amount Including Taxes for the provisions of goods and services listed in the invoice after any possible discounts on the lines	G1.13
Rebate Amount	O	Single	Total Amount of any rebate	G1.13 G1.30
Charge Amount	O	Single	Total Amount of any reported charges	G1.13 G1.30
Amount to deduct	O	Single	Amount already paid to deduct from the Total Amount Including Taxes	G1.13 G1.30

Name	M/O	Plurality	Description	Rules
Amount to pay	M	Single	Amount to pay, which can be less that the Total Amount Including Taxes in certain cases	G1.13 G1.33
Note	O	Multiple	Open text associated with the invoice. The legally required tax information may be provided here	P1.08 G1.26

Charge / rebate Item (Optional and Multiple):
as many items as charge / rebate items applicable to the invoice total

Name	M/O	Plurality	Description	Rules
Charge / rebate indicator	M	Single	Indicates if the entity bears a charge or a rebate	G1.31
Charge / rebate motive code	O	Single	Code of the charge / rebate motive	G1.29
Description / motive	O	Single	Free text describing the reason for the discount	P1.08
Rebate amount	M	Single	Total amount of the applied rebate	G1.13 G1.30
Base amount	O	Single	Amount on which to apply a charge or rebate	G1.13 G1.30

Tax Summary Item (Optional and Multiple):
as many items as applicable rates of VAT in the invoice

Name	M/O	Plurality	Description	Rules
Tax type	M	Single	Type of applicable tax	G1.22
Base amount	M	Single	For each applicable VAT rate in the invoice, the total amounts, excluding taxes, associated with the relevant VAT rate	G1.13
Rate	M	Single	For each applicable VAT rate in the invoice, the relevant VAT rate	G1.24
Tax amount	M	Single	For each applicable VAT rate in the invoice, the total amount of the VAT applied.	G1.13
Exemption	O	Single	Free text to justify the tax exemption	P1.08

Commitment Item (Optional and Single)

Name	M/O	Plurality	Description	Rules
Contract number	O	Single	Reference the contract in supplier's database	G3.02
Buyers contract number	O	Single	Identifies the Contract (contract number or agreement number) in debtor's database	G3.03
Commitment number	O	Single	Commitment identifier (purchase order or number of the executable contract) in debtor's database	G3.01 G3.04
Effective date	O	Single	Effective date of the commitment, contract or agreement	G1.09

Supplier Item (mandatory and single)

Name	M/O	Plurality	Description	Rules
Country code	O	Single	Country code of the registered office of the issuer	G2.01 G2.02 G2.03
Identifier type	O	Single	Nature of the identifier referencing the supplier	G2.04 G2.06
Identifier	M	Single	The identification number of the supplier in the indicated reference	G2.07 G2.08G2.14
Name (corporate name)	M	Single	Legal or commercial name of the organisation	G2.09
Service code	O	Single	Codification of the services at the organisation issuing the invoice	G2.19 G2.29
Service name	O	Single	The name of the service at the organisation issuing the invoice	G2.21
VAT Identifier	O	Single	Intra-community VAT number	
VAT regime	O	Single	Enables the indication of whether the supplier is subject to VAT on the payments or debits	G2.13
Commercial name	O	Single	Commercial name of the organisation	G2.09
Commercial address line	O	Multiple	Address line	
Commercial postal code	O	Single	Postal code of the commercial address	
Commercial city	O	Single	Municipality of the commercial address	
Commercial country code	O	Single	Identifies the country where the third party is located	G2.01 G2.03
Contact name	O	Single	Identity of the contact person	G2.09

Name	M/O	Plurality	Description	Rules
Telephone contact	O	Single	Telephone number of the contact person	
Fax contact	O	Single	Fax number of the contact person	
Contact email	O	Single	Email address of the contact person	
Legal address	M	Multiple	Address line	G2.15
Legal postal code	M	Single	Postal code of the legal address	
Legal city	M	Single	Municipality of the legal address	
Signatory name	O	Single	Identity of the signatory of the document (intra-public sphere invoicing)	G2.09 P1.06 G2.26
Position of the signatory	O	Single	Position of the signatory of the document (intra-public sphere invoicing)	G2.25 G2.26
Note	O	Multiple	Open text associated with the supplier item	P1.08 G1.26 G2.27

Debtor Item (mandatory and single)

Name	M/O	Plurality	Description	Rules
Identifier type	O	Single	Identifies the registration reference of the invoice recipient (SIRET)	G2.04 G2.06 G2.16
Identifier	M	Single	The SIRET number of the public organisation	G2.14 G2.16
Name (corporate name)	O	Single	Name of the organisation or corporate name (as specified in the Contract/Purchase Order)	G2.09
Service code	O	Single	Codification of the services at the organisation of the invoice recipient. This codification enables the automated or manual routing of the invoice at the organisation	G2.17 G2.18 G2.19 G2.29
Service name	O	Single	The name of the service at the organisation of the invoice recipient. It allows the manual routing of the invoice to this service	G2.20 G2.21
VAT Identifier	O	Single	Intra-community VAT number	
Legal country code	O	Single	Country code of the legal address	G2.01 G2.03

Name	M/O	Plurality	Description	Rules
Legal address line	O	Multiple	Address line	G2.15
Legal postal code	O	Single	Postal code of the legal address	
Legal city name	O	Single	Municipality of the legal address	
Note	O	Multiple	Open text associated with the debtor item	P1.08 G1.26

Line Item (mandatory and multiple)

Name	M/O	Plurality	Description	Rules
Number	M	Single	Line number (sequential)	G6.01
Type	O	Single	The line type enables the indication of whether the line contains price elements to be considered in the tabulations or only data of an informative nature	G6.02
Subtype	O	Single	The subtype line enables the specification of the line type by indicating if it is a line for: - Detail - Grouping - Information	G6.03
Delivery site	O	Single	Allows the attachment of the invoice line to a delivery site, and groups together all the lines relating to a single site	P1.04 P1.10
Description	O	Single	General description of the delivery or the provision of the goods or services: information area	P1.08
Product reference	O	Single	Reference, code of the article or of the provision of the goods or services: information area	P1.01
Article name	O	Single	Name (abbreviated or type) of the article or of the provision of the good or services: information area	P1.02
Delivery date	O	Single	Delivery date	G1.09
Invoiced quantity	M	Single	Number of invoiced units	P1.03 G1.13 G6.05
Delivery unit	O	Single	Unit used for the delivery	
Unit price	M	Single	Unit price (excluding taxes) before discounts by Delivery Unit	G1.13 G6.05 G6.06

Name	M/O	Plurality	Description	Rules
Amount Excluding Taxes	M	Single	Amount excluding taxes after discounts for the line	G1.13
VAT Rate	O	Single	Applicable VAT rate	G1.24
Supplement	O	Multiple	Additional text(s) enabling the specification of the contents of a supply of goods and services	P1.08 G1.26

Charge / rebate line Item (Optional and Multiple):
as many items as charge / rebate items applicable to the invoice total

Name	M/O	Plurality	Description	Rules
Charge / rebate indicator	M	Single	Indicates if the entity bears a charge or a rebate	G1.31
Charge / rebate motive code	O	Single	Code of the charge / rebate motive	G1.29
Description / motive	O	Single	Free text describing the reason for the discount	P1.08
Rebate amount	M	Single	Total amount of the applied rebate	G1.13
Base amount	O	Single	Amount on which to apply a charge or rebate	G1.13

Payment Item (mandatory and single)

Name	M/O	Plurality	Description	Rules
Due date	O	Single	Payment due date determined by the Supplier	G1.09
Payment mode	M	Single	Specifies the information relating to the payment terms requested by the supplier	G1.14 G1.15
Bank reference type	O	Single	Nature of the banking reference used to identify a bank account	G1.16 G1.17 G1.21
Bank account ID	O	Single	IBAN of the bank account to which to make payment	G1.17 G1.18 G1.21

Name	M/O	Plurality	Description	Rules
Banking institution identifier	O	Single	BIC of the bank account to which to make payment	G1.17 G1.19 G1.20 G1.21
Notes	O	Multiple	Open text(s) associated with the payment terms	P1.08 G1.26

Validator Item (optional and single)

Name	M/O	Plurality	Description	Rules
Country code	O	Single	Country code of the registered office of the validator	G2.01 G2.02 G2.03
Identifier type	O	Single	Nature of the identifier referencing the validator	G2.04 G2.06
Identifier	M	Single	The identification number of the validator in the indicated reference	G2.07 G2.08 G2.14
Name (corporate name)	M	Single	Legal or commercial name of the organisation	G2.09
Contact name	O	Single	Identity of the contact person	G2.09
Telephone contact	O	Single	Telephone number of the contact person	
Fax contact	O	Single	Fax number of the contact person	
Contact email	O	Single	Email address of the contact person	
Legal address	O	Multiple	Address line	
Legal postal code	O	Single	Postal code of the legal address	
Legal city	O	Single	Municipality of the legal address	

Payee Item (optional and single)

Name	M/O	Plurality	Description	Rules
Country code	M	Single	Country code of the registered office of the payee	G2.01 G2.02 G2.03

Name	M/O	Plurality	Description	Rules
Identifier type	O	Single	Nature of the identifier referencing the payee	G2.04 G2.06
Identifier	M	Single	The legal identification number of the Supplier in their country	G2.07 G2.08
Name (corporate name)	M	Single	Legal name of the organisation	G2.09
Contact name	O	Single	Identity of the contact person	G2.09
Telephone contact	O	Single	Telephone number of the contact person	
Contact email	O	Single	Email address of the contact person	
Legal address	O	Multiple	Address line	
Legal postal code	O	Single	Postal code of the legal address	
Legal city	O	Single	Municipality of the legal address	

Delivery Site Item (Mandatory and multiple)

Name	M/O	Plurality	Description	Rules
Identifier	O	Single	Delivery site identifier	P1.04 P1.10
Name	O	Single	Designation of the delivery site	P1.05
Address	O	Multiple	Address line	
Postal code	O	Single	Postal code	
Municipality	O	Single	Municipality	
Address country code	O	Single	Identifies the country where the site is located	G2.01 G2.03

Attachment Item (Optional and Multiple): as many blocks as attachments to the invoice

Name	M/O	Plurality	Description	Rules
Attachment type	M	Single	Defines the nature of the document	G4.01 G4.05
Attachment name	M	Single	Attachment name	G4.09 G4.11 G4.12 G4.13 G4.16
Attachment format	M	Single	Defines the electronic format of the document (using the Mime Type)	G4.02 G4.03
Content	M	Single	The compressed and encoded content of the original file embodying the document	G4.04 G4.07 G4.08

4.2.2 Description of the Invoice mixed flow (E2)

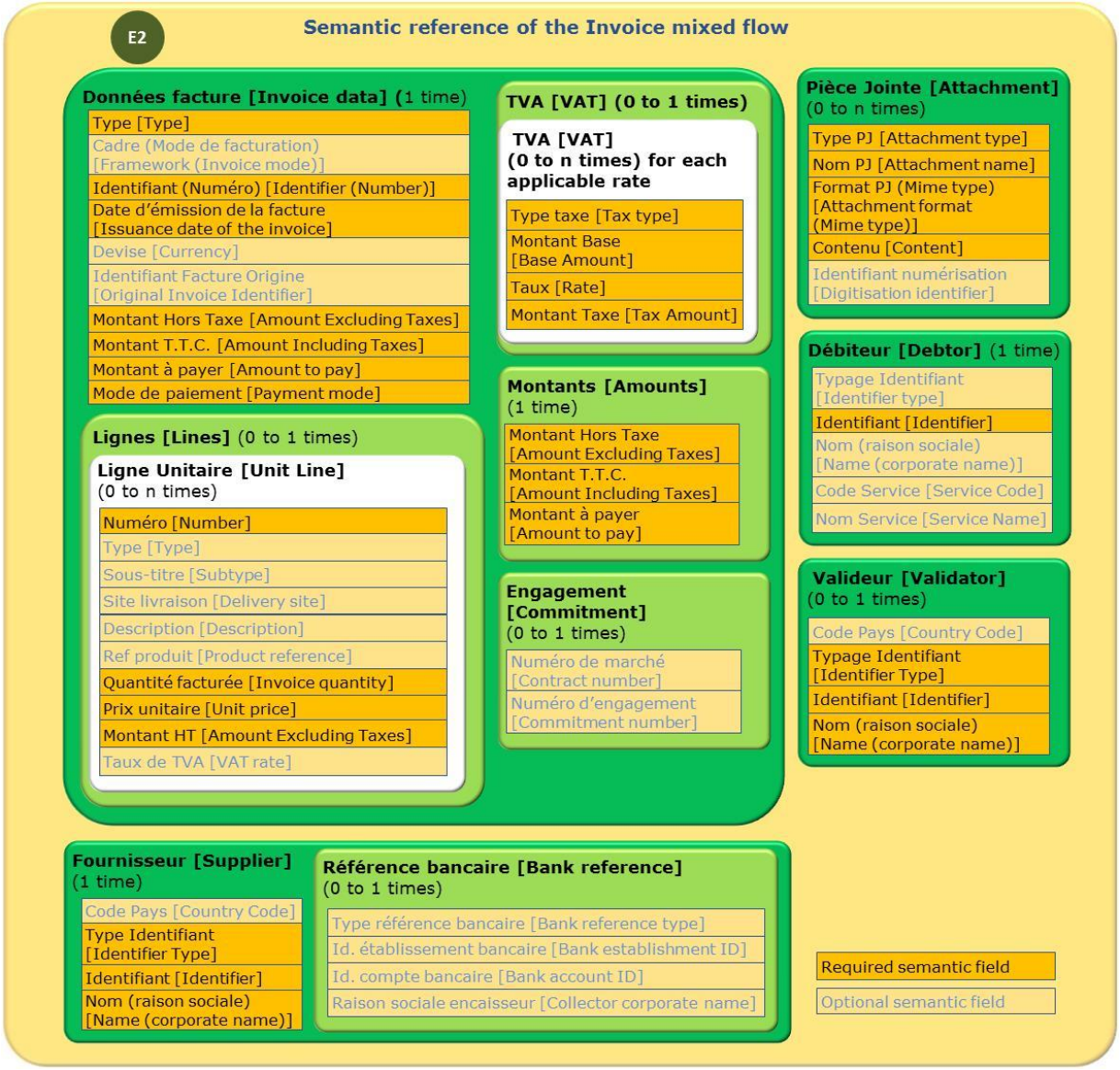
The Invoice mixed flow conveys the minimal set of invoice data sent by a supplier associated with each transmitted invoice, as well as the attachments (structured or unstructured data), including an attachment representing the invoice (excluding transmission in PDF/A3 format). The Invoice mixed flow includes 3 types of data:

- Data strictly necessary for the processing of the invoice by the accounting and financial systems of the State, the local public sector entities or the national public institutions: this structured data is used to constitute the Invoicing Pivot flow described in the relevant chapter and should be systematically indicated by the supplier,
- The invoice included as an attachment (excluding transmission in PDF/A3 format),
- If necessary, complementary attachments.

An Invoice mixed flow can contain several batches of XML-structured data each presenting an invoice. A flow can contain a maximum of 500 invoices and has a total maximum size of 1GB.

A flow thus consists of:

- The envelope data (if applicable)
- The XML-structured data needed to create the pivot flow (structured data only) and, if applicable, additional information concerning the specific billing methods (validator block),
- An attachment consisting of the electronic file representing each invoice in accordance with the regulations (excluding transmission in PDF/A3 format),
- Other documents consisting of supplemental documents, if necessary.



The tables below describe the generic structure of the XML data of a mixed invoice grouped by the main items. The data components of each of the items are described in the following tables.

The "M/O" column indicates whether the data block is mandatory or optional in the flow. If an optional block is used, some of the data comprising it may be declared mandatory.

The "Plurality" column indicates whether a "Single" occurrence is allowed, or if "Multiple" occurrences are allowed.

Each reference to the "Rules" refers to the table of Chapter 5.3 listing all the rules applicable to the generic data.

Supplier Mixed Invoice

Item	M/O	Plurality	Description	Rules
Invoice data	M	Single	General information about the invoice	

Item	M/O	Plurality	Description	Rules
Invoice data - VAT	O	Multiple	Summary of the tax amounts by rate	G1.22
Invoice data - Commitment	O	Single	Information about the founding commitment of the invoice	
Invoice data - Invoice line	O	Multiple	Information about the lines of the invoice describing the provisions of goods and services and their prices (information not included in the Pivot flow)	
Supplier	M	Single	Information about the Supplier issuing the Invoice	G2.11
Supplier – Bank reference	O	Single	Information about the invoice payment	
Debtor	M	Single	Information about the recipient structure of the invoice	G2.12
Validator	O	Single	Information about the validating structure (holder of the purchase order, authorised representative, private project manager)	G2.22 G2.23 G2.24
Attachment	O	Multiple	Attachment(s) including the invoice in its original format as issued by the supplier	G4.05 G4.07 G4.08 G4.09 G4.14

NB:The management rules presented above apply to the entirety of the block concerned

Invoice Data Item (mandatory and single)

Name	M/O	Plurality	Description	Rules
Type	M	Single	The type enables the identification of whether it is an invoice or a credit note	G1.01
Framework (invoice mode)	O	Single	Defines the invoicing mode corresponding to the completed provisions of goods and services of the invoice or their payment: - standard [standard] - Cotraitance [Joint-contracting] - Sous-traitance [Subcontracting] - Marchés de travaux [Works contracts]	G1.02 G1.03 G1.33 G1.34 G1.35
Identifier (number)	M	Single	The identifier (number) of the payment request issued by the Supplier (unique identifier of the invoice or credit note)	G1.05 G1.06
Issue date of the invoice	M	Single	Invoice date as specified by the Supplier	G1.07 G1.09
Currency	O	Single	Currency pertaining to all of the invoice amounts (must be a single currency)	G1.10 G1.11 G1.12
Original Invoice Identifier	O	Single	In the event of a credit, the number of the invoice applicable to the credit note	G1.05
Payment means	M	Single	Specifies the information relating to the payment terms requested by the supplier	G1.14 G1.15

Invoice Data Item - Amounts (Mandatory and Single)

Amount Excluding Taxes	M	Single	Amount Excluding Taxes for the provisions of goods and services listed in the invoice after any possible discounts on lines	G1.13
Total Amount Including Taxes	M	Single	Total Amount Including Taxes for the provisions of goods and services listed in the invoice after any possible discounts on lines	G1.13
Amount to pay	M	Single	Amount to Pay, which can be less that the Total Amount Including Taxes in certain cases	G1.33

Invoice Data Item - VAT (optional and multiple):
as many items as applicable rates of VAT in the invoice

Name	M/O	Plurality	Description	Rules
Tax Type	O	Single	Type of applicable tax	G1.22
Base amount	M	Single	For each applicable VAT rate in the invoice, the total amounts, excluding taxes, associated with the relevant VAT rate	G1.12 G1.13
Rate	M	Single	For each applicable VAT rate in the invoice, the relevant VAT rate	G1.24
Tax amount	M	Single	For each applicable VAT rate in the invoice, the total amount of the VAT applied.	G1.12 G1.13

Invoice Data Item - Commitment (Optional and Single)

Name	M/O	Plurality	Description	Rules
Buyers contract number	O	Single	Identifies the Contract (buyers contract number or agreement number)	G3.03
Commitment number	O	Single	Commitment identifier (purchase order or number of the executable contract)	G3.01 G3.04

Supplier Item (mandatory and single)

Name	M/O	Plurality	Description	Rules
Country code	M	Single	Country code of the registered office of the issuer	G2.01 G2.02 G2.03
Identifier type	O	Single	Nature of the identifier referencing the supplier	G2.04 G2.06

Name	M/O	Plurality	Description	Rules
Identifier	M	Single	The identification number of the supplier in the indicated reference	G2.07 G2.08G2.14
Name (corporate name)	M	Single	Legal or commercial name of the organisation	G2.09

Supplier Item - Bank reference (optional and single)

Name	M/O	Plurality	Description	Rules
Bank reference type	O	Single	Nature of the banking reference used to identify a bank account	G1.16
Bank account ID	O	Single	IBAN/bank account to which to make payment	G1.17 G1.18 G1.21
Bank establishment ID	O	Single	BIC of the bank account/bank code and sort code to which to make payment	G1.18 G1.19 G1.20 G1.21
Payee corporate name	O	Single	Name of the third party payee in the case of factoring	G2.09 G2.28

Debtor Item (mandatory and single)

Name	M/O	Plurality	Description	Rules
Identifier type	O	Single	Identifies the registration reference of the invoice recipient (SIRET)	G2.04 G2.16 G2.06
Identifier	M	Single	The SIRET number of the public organisation	G2.06 G2.07 G2.08 G2.14 G2.16

Name	M/O	Plurality	Description	Rules
Name (corporate name)	O	Single	Name of the organisation or corporate name (as specified in the Contract/Purchase Order)	G2.09
Service code	O	Single	Codification of the services at the organisation of the invoice recipient. This codification enables the automated or manual routing of the invoice at the organisation	G2.17 G2.18 G2.19 G2.29
Service name	O	Single	The name of the service at the organisation of the invoice recipient. It allows the manual routing of the invoice to this service	G2.20 G2.21

Invoice Data Item – Invoice line (optional and multiple)

Name	M/O	Plurality	Description	Rules
Number	M	Single	Line number (sequential)	G6.01
Type	O	Single	The line type can be used to indicate whether the line contains price elements to be taken into accounts or only informative data	G6.02
Subtype	O	Signle	The line subtype is used to precise the line type indicating if the line is: - A detail - A groupment - An information	G6.03
Delivery site	M	Single	Allows the attachment of the invoice line to a delivery site, and groups together all the lines relating to a single site	P1.04
Description	O	Single	General description of the delivery or the provision of the good or service:information area	P1.08
Product reference	O	Single	Reference, code of the article or of the provision of the good or service:information area	P1.01
Invoiced quantity	M	Single	Number of invoiced units	P1.03 G1.13 G6.05
Unit price	M	Single	Unit price (excluding taxes) before discounts by Delivery Unit	G1.12 G1.13 G6.05
Amount Excluding Taxes	M	Single	Amount excluding taxes after discounts for the line	G1.12 G1.13
VAT Rate	O	Single	Applicable VAT rate	G1.24

Validator Item (optional and single)

Name	M/O	Plurality	Description	Rules
Country code	M	Single	Country code of the registered office of the validator	G2.01 G2.02 G2.03

Name	M/O	Plurality	Description	Rules
Identifier type	O	Single	Nature of the identifier referencing the validator	G2.04 G2.06
Identifier	M	Single	The identification number of the validator in the indicated reference	G2.07 G2.08 G2.14
Name (corporate name)	M	Single	Legal or commercial name of the organisation	G2.09

Attachment Item (Mandatory and Multiple):
as many blocks as attachments to the invoice. At least one attachment is an invoice.

Name	M/O	Plurality	Description	Rules
Attachment type	M	Single	Defines the nature of the document.	G4.01 G4.05 G4.06
Attachment name	M	Single	Attachment name	G4.09 G4.11 G4.12 G4.13 G4.16
Attachment format (Mime type)	M	Single	Defines the electronic format of the document (using the Mime Type)	G4.02 G4.03 G4.15
Content	M	Single	The compressed and encoded content of the original file embodying the document.	G4.04 G4.07 G4.08
Digitisation identifier	O	Single	Identifier of the invoice created by the Chorus IS digitization. The valuation of this data shows that the invoice was acquired through digitization by the Chorus IS	G1.27

4.2.3 Description of the Memorandum on Justice Costs structured flow (E3)

The matrices described below are not intended to identify all of the data that can be on an invoice of Memorandum on Justice Costs, but the minimum data to produce an Invoice object from a generic style sheet. The other data will not appear through the generic style sheet of the invoice.

In the event that the supplier sends the URL reference of their style sheet, this additional data can be entered and displayed on the invoice.

The Memorandum on Justice Costs structured flow includes three types of data:

- The data that is strictly necessary for the processing of the invoice by the accounting and financial systems of the State:this data is used to constitute the Invoicing Pivot Flow described in the relevant chapter and should be systematically indicated by the supplier,
- The statutorily required data as part of a Memorandum on Justice Costs,
- The additional data allowing the representation of a Memorandum on Justice of Costs in full with all the details.

A Memorandum on Justice Costs structured flow can contain several batches of XML-structured data, each presenting an invoice. A flow can contain a maximum of 500 invoices and has a total maximum size of 1GB.

A flow thus consists of:

- The envelope data,
- The XML-structured data necessary for invoicing,
- The XML-structured data representing all of the invoices,
- Attachments consisting of supplemental documents.

The table below describes the generic structure of the data of a Memorandum on Justice Costs through a hierarchy of nested items. The data components of each of the items are described in the following tables. The M/O column indicates whether the data block is mandatory or optional in the flow. If an optional block is used, some of the data comprising it may be declared mandatory.

The "Plurality" column indicates whether a "Single" occurrence is allowed, or if "Multiple" occurrences are allowed.

Each reference to the "Rules" refers to the table of Chapter 5.3 listing all the rules applicable to the generic data.

Structured invoice of the Memorandum on Justice Costs

Item	M/O	Plurality	Description	Rules
General information	M	Single	General information about the memorandum	G1.28
Tax summary	M	Multiple	Summary of the tax amounts by rate	G1.22
Supplier	M	Single	Information about the Supplier issuing the Invoice	G2.11
Debtor	M	Single	Information about the public recipient structure of the invoice	G2.12
Line	M	Multiple	Information about the lines of the invoice detailing the provisions of goods and services and their prices. The lines allow the designation of taxes other than VAT	
Line – Charge indicator	O	Multiple	Indicates charges (additional costs) applicable to the line	
Payment	M	Single	Information about the invoice payment	
Attachment	M	Multiple	Attachment(s) to the memorandum:supporting or not	G8.02 G4.07 G4.08 G4.09

General Information Item (mandatory and single)

Name	M/O	Plurality	Description	Rules
Type	M	Single	The type enables the identification of whether it is an invoice or a credit note	G1.01 G8.01
Framework (invoice mode)	O	Single	Defines the invoicing mode corresponding to the completed provisions of goods and services of the invoice or their payment: - Standard - Joint-contracting - Subcontracting - Works contracts	G1.35 G8.47
Identifier (number)	M	Single	The identifier (number) of the payment request issued by the Supplier (unique identifier of the invoice or credit note)	G1.06 G8.38

Name	M/O	Plurality	Description	Rules
Form number	M	Single	The identifier (number) of the payment request issued by the Supplier (unique identifier of the invoice or credit note)	G8.19
Issue date of the invoice	M	Single	Invoice date as specified by the Supplier	G1.07 G1.09
Date of service (start)	O*	Single	Start date of the invoice period	G1.09
Date of service (end)	O*	Single	Closing date of the invoice period	G1.09 G8.33
Period description	O	Single	Description of the invoice period	P1.08
Currency	M	Single	Currency pertaining to all of the invoice amounts	G1.10 G1.11 G8.39
Rebate indicator	O	Single	Indicates if there are applicable rebates	G8.25
Rebate Amount	O	Single	Total amount of any rebate	G1.30 G8.48
Total Amount Including Taxes	M	Single	Total Amount Including Taxes for the provisions of goods and services listed in the invoice after any possible discounts	G8.48
Tax amount	M	Single	Total amount of taxes	G8.48
Amount to pay	M	Single	Amount to pay, which can be less that the Total Amount Including Taxes in certain cases	G8.48
Amount Excluding Taxes after discount	M	Single	Total Amount Excluding Taxes for the services listed in the Memorandum on Justice Costs after any possible discounts	G8.48
Amount Excluding Taxes before discount	M	Single	Total Amount Excluding Taxes for the services listed in the Memorandum on Justice Costs before any possible discounts	G8.48
Text reference (wording)	M	Single	Wording of the reference to the applicable legal texts	G8.06
Text reference (code)	M	Single	Reference code to the applicable legal texts	G8.06
Commitment number	O	Single	Identifies the Purchase Order	G8.14 G8.49
Total invoice line number	M	Single	Indicates the total number of invoice lines valorised in the flow	

*: Those fields are not mandatory, however it's recommended to fill them.

Tax Summary Item (Optional and Multiple):
as many items as applicable VAT rates in the memorandum

Name	M/O	Plurality	Description	Rules
Rate	M	Single	For each applicable VAT rate in the invoice, the relevant VAT rate	
Tax amount	M	Single	Total amount of applicable taxes	G8.48
Amount Excluding Taxes	O	Single	Total Amount Excluding Taxes for the services listed in the Memorandum on Justice Costs	G8.48

Supplier Item (mandatory and single)

Name	M/O	Plurality	Description	Rules
Country code	M	Single	Country code of the registered office of the issuer	G2.01 G2.03
Identifier type	M	Single	Nature of the identifier referencing the supplier	G2.04 G2.06 G2.07
Identifier	M	Single	The identification number of the supplier in the indicated reference	G2.08G2.14
RCS Identifier (Register of Trades and Companies)	O	Single	RCS Identifier of the supplier	G8.34
Supplier category	M	Single	Identifies the supplier category. The required value is the supplier category code.	G8.31
Name (corporate name)	M	Single	Legal or commercial name of the organisation	G2.09
Corporate name (or last name and first name)	M	Single	Corporate name (or last name and first name) of the supplier	G2.09
VAT Identifier	O	Single	Intra-community VAT number (for EU)	G8.30
VAT regime	O	Single	Enables the indication of whether the supplier is subject to VAT on the payments or debits	G2.13
Exemption	O	Single	Free text to justify the tax exemption	P1.08 G8.15
Commercial address line	M	Multiple	Address line	G2.15
Commercial postal code	M	Single	Postal code of the commercial address	
Commercial city	M	Single	Municipality of the commercial address	

Name	M/O	Plurality	Description	Rules
Commercial country code	O	Single	Identifies the country where the third party is located	G2.01 G2.03
Legal address	M	Multiple	Address line	G2.15
Legal postal code	M	Single	Postal code of the legal address	
Legal city	M	Single	Municipality of the legal address	
Service code	O	Single	Code of the service	
Service name	O	Single	Identity of the service	G2.09
Telephone contact	O*	Single	Telephone number of the contact person	
Email contact	O*	Single	Email adresse of the contact person	

*: Those fields are not mandatory, however it's recommended to fill them.

Debtor Item (mandatory and single)

Name	M/O	Plurality	Description	Rules
Identifier	M	Single	The SIRET number of the public organisation	G8.12
Service name	O	Single	Name of the service (as specified in the Contract/Purchase Order) at the organisation of the invoice recipient.	G2.17 G2.18 G2.19 G2.20 G2.21 G8.37
Service code	O	Single	Codification of the service at the organisation of the invoice recipient. This codification enables the automated or manual routing of the invoice at the organisation.	G2.17 G2.18 G2.19 G2.20 G2.21 G2.29G8.37
Address line of the district	M	Multiple	Address line of the jurisdiction	
Postal code of the district	M	Single	Postal code of the jurisdiction's district	
Municipality of the district	M	Single	Municipality of the jurisdiction's district	
Country code of the district	M	Single	Country code of the jurisdiction's district	G2.01 G2.03
VAT Identifier	M	Single	VAT identifier of the jurisdiction's district	G8.30
Telephone contact	O	Single	Telephone contact of the jurisdiction's district	

Name	M/O	Plurality	Description	Rules
Contact email	O	Single	Contact email of the jurisdiction's district	
Jurisdiction Identifier	M	Single	Jurisdiction identifier	G8.07 G8.08
Jurisdiction name	O	Single	Jurisdiction name	G8.07
Address line of the jurisdiction	O	Single	Address line of the jurisdiction	G8.07
Postal code of the jurisdiction	O	Single	Postal code of the legal address of the jurisdiction	G8.07
Jurisdiction legal city name	O	Single	Jurisdiction legal city name	G8.07
Jurisdiction legal country code	O	Single	Jurisdiction legal country code	G8.07

Line Item (mandatory and multiple)

Name	M/O	Plurality	Description	Rules
Service number in the memorandum	M	Single	Line number	
Case number	M	Single	Case number	G8.41
Quantity	M	Single	Quantity	G8.42
Quantity x rate	M	Single	Quantity of the line multiplied by the line fee	G8.48
Commitment number	O	Single	Reminder of the purchase order number	G3.01
Amount Excluding Taxes	M	Single	Amount Excluding Taxes after discounts for the line	G8.48
VAT Amount	M	Single	Amount of the applicable VAT (after deduction of the disbursement, if applicable)	G8.48
VAT Rate	M	Single	Applicable VAT rate	
VAT Code	M	Single	Chorus VAT Code	G8.29
Type of service (code)	M	Single	Code of the type of service performed	G8.09 G8.27
Type of service (description)	M	Single	Description of the type of service performed	
Service rate	M	Single	Rate of service performed	G8.48
Invoiced quantity	M	Single	Base quantity of the line	P1.03 G8.28
Requisition date	M	Single	Notification date of the requisition	G1.09

Name	M/O	Plurality	Description	Rules
				G8.32 G8.46
Date of the service	M	Single	Effective date of the service	G1.09 G8.33 G8.45
Code of the requesting authority	M	Single	Code of the originating authority of the requisition	G8.11 G8.12
Name of the requesting authority	M	Single	Name of the originating authority of the requisition	G8.11
Free of charge indicator	O	Single	Indicates whether the charge is applicable or not	G8.26

Line Item – Charge indicator (optional and multiple)

Name	M/O	Plurality	Description	Rules
Charge indicator	O	Single	Indicates whether the charge is applicable or not	G8.13 G1.31
Motive of the charge	O	Single	Reason for the applicable charge (rebate, travelling expenses, disbursements)	G8.13 G8.43
Amount of the charge	O	Single	Amount of the applicable charge	G8.48 G8.13

Payment Item (mandatory and single)

Name	M/O	Plurality	Description	Rules
Due date	O	Single	Payment due date determined by the supplier	G1.09
Payment mode	M	Single	Specifies the information relating to the payment terms requested by the supplier	G1.14 G1.15 G8.20 G8.21 G8.22 G8.23 G8.24
Bank reference type	M	Single	Nature of the banking reference used to identify a bank account	G1.16

Name	M/O	Plurality	Description	Rules
				G1.17 G1.21
Bank account ID	M	Single	IBAN of the bank account to which to make payment	G1.17 G1.18 G1.21 G8.40
Bank agency ID	O	Single	BIC of the bank account on which to transfer payment	G1.17 G1.19 G1.20 G1.21

Attachment Item (1 to n times)

Name	M/O	Plurality	Description	Rules
Attachment type	M	Single	Defines the nature of the document	G8.16 G8.02
Attachment name	M	Single	Attachment name	G4.13 G8.17 G8.18
Attachment format (Mime type)	M	Single	Defines the electronic format of the document (using the Mime Type)	G4.02 G4.03
Content	M	Single	The compressed and encoded content of the original file embodying the document.	G4.04 G4.07 G4.08

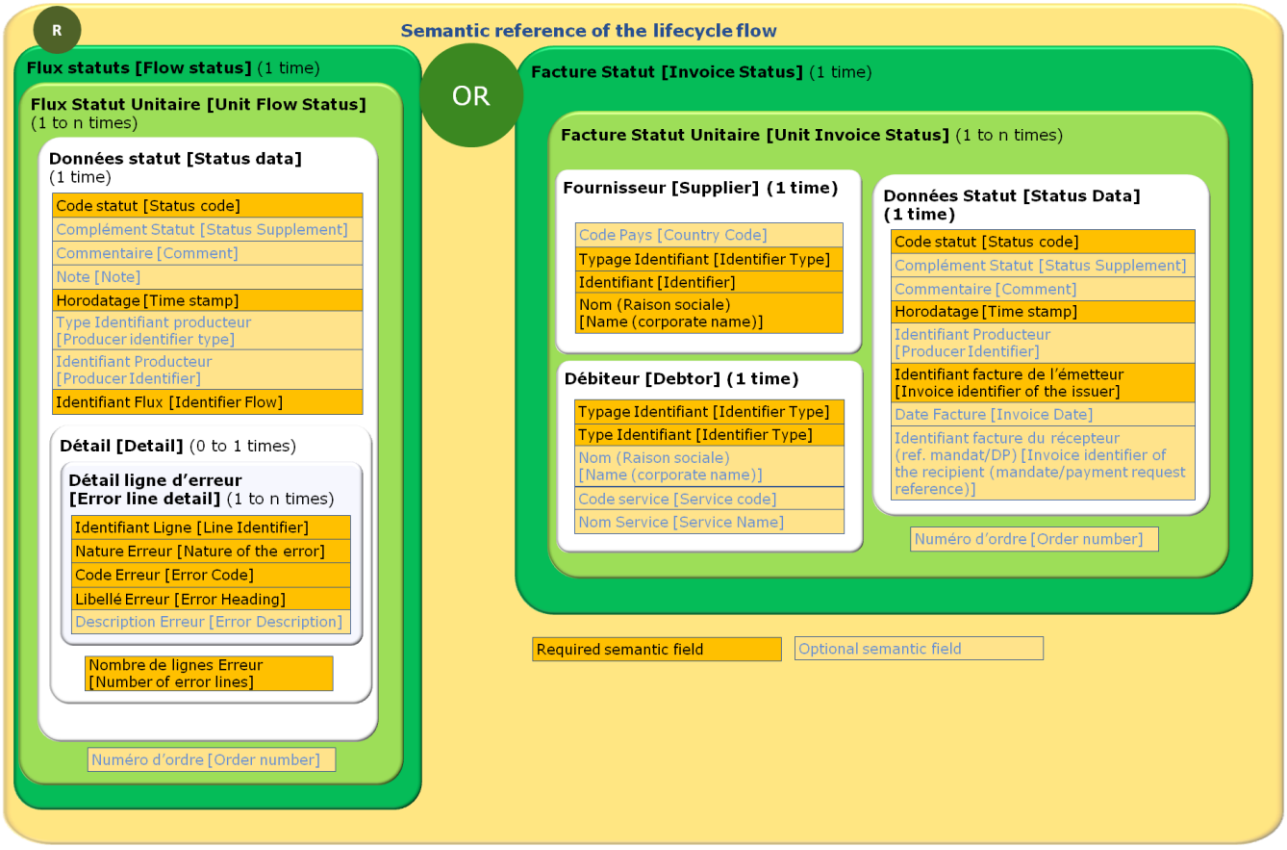
4.3 Description of the Invoice life cycle flows (R)

The Life cycle flow is used by Chorus Pro and by invoice recipients to transmit the statuses of invoices between different information systems, and, particularly, to the IS of the Suppliers to enable them to qualify for the restitution of the early payment of an invoice by an administrative entity or public authority. This transmission may be made in EDI mode.

A Life cycle flow thus consists of:

- The envelope data
- The XML-structured data

The table below describes the generic structure of the data comprising the life cycle flow through a hierarchy of nested items. The data components of each of the items are described in the following tables. The M/O column indicates whether the data block is mandatory or optional in the flow. If an optional block is used, some of the data comprising it may be declared mandatory.
The "Plurality" column indicates whether a "Single" occurrence is allowed, or if "Multiple" occurrences are allowed.
Each reference to the "Rules" refers to the table of Chapter 5.3 listing all the rules applicable to the generic data.



The third party issuer of the life cycle flow indicates either the StatusFlow item or the StatusInvoice item.
The FlowStatus item (left part of the diagram) enables the submission of statuses relating to one or more flows.
The InvoiceStatus item (right part of the diagram) enables the submission of statuses relating to one or more invoices.

It is not possible to submit into the same life cycle flow statuses relating to the processing of the flow and statuses relating to the invoices associated with it.
If the third party issuer of the life cycle flow indicates the "Flow Status" item, it can indicate as many "Unit Flow Status" items as desired in order to submit the statuses of several flows. It can also issue several statuses for the same flow, as the time stamp makes it possible to process the order.
If the third party issuer of the life cycle flow indicates the "InvoiceStatus" item, it can indicate as many "Unit Invoice Status" items as desired in order to submit the statuses of several invoices. It can also issue several statuses for the same invoice, as the time stamp makes it possible to process the order.

CPP Status

Item	M/O	Plurality	Description	Rules
Flow status	O	Single	The flow status element contains all of the elements relating to the statuses of a flow	G5.04
Invoice status	O	Single	The invoice status element contains all of the elements relating to the statuses of invoices	G5.04
Unit Flow Status	M	Multiple	The unit flow status element contains all of the elements relating to a status concerning a flow	
Unit Invoice Status	M	Multiple	The unit invoice status element contains all of the elements relating to the status concerning an invoice	

NB:The management rules presented above apply to the entirety of the block concerned

Unit Flow Status – Status data (Mandatory and multiple)

Name	M/O	Plurality	Description	Rules
Status code	M	Single	Status code	G5.07
Status supplement	O	Single	Standardised description of the event	
Comment	O	Single	Supplement to the event description. E.g.:reason for the rejection	P1.09
Note	O	Single	Comment allowing an explanation of the submitted status, especially in case of the rejection of the flow by the recipient	
Time stamp	M	Single	Date and time of the event that generated the status	
Producer identifier type	O	Single	Nature of the identifier referencing the producer	
Flow identifier	M	Single	Identifier of the flow	

Unit Flow Status – Status data – Detail Item (optional and single)

Name	M/O	Plurality	Description	Rules
Number of error lines	M	Single	Numbers of error lines	

Unit Flow Status – Status data – Error line detail item (mandatory and multiple)

Name	M/O	Plurality	Description	Rules
Line identifier	M	Single	Line identifier	
Nature of the error	M	Single	Nature of the error	
Error code	M	Single	Error code	
Error name	M	Single	Name of the error	P1.08
Description of the error	O	Single	Description of the error	P1.08

Unit Invoice Status –Mandatory and single

Name	M/O	Plurality	Description	Rules
Order number	O	Multiple	Order number of the unit status flow within the flow	

Unit Invoice Status – Detail Item (mandatory and multiple)

Name	M/O	Plurality	Description	Rules
Supplier	M	Single	Information about the Supplier issuing the Invoice	G2.11
Debtor	M	Single	Information about the recipient structure of the invoice	G2.12
Status data	M	Single	Information about the uploaded status	

NB:The management rules presented above apply to the entirety of the block concerned

Unit Invoice Status – Supplier Item (Mandatory and Single)

Name	M/O	Plurality	Description	Rules
Country code	M	Single	Identifies the country where the third party supplier is registered	G2.01 G2.03
Identifier type	M	Single	Identifies the registration reference of the supplier (SIRET, RIDET, etc.)	G2.04

Name	M/O	Plurality	Description	Rules
Identifier	M	Single	The identification number of the supplier in the indicated reference	G2.06 G2.07 G2.08 G2.14
Name (corporate name)	M	Single	Common name, corporate name or identity of the third party supplier	G2.09

Unit Invoice Status – Debtor Item (Mandatory and Single)

Name	M/O	Plurality	Description	Rules
Identifier Type	M	Single	Identifies the registration reference of the debtor (SIRET, RIDET, etc.)	G2.04 G2.17
Identifier	M	Single	The SIRET number of the public organisation	G2.06 G2.07 G2.08 G2.14
Name (corporate name)	O	Single	Name of the organisation (as specified in the Contract/Purchase Order)	G2.09
Service code	O	Single	Codification of the services at the organisation of the invoice recipient	G2.18 G2.19 G2.29
Service name	O	Single	The name of the service at the organisation of the invoice recipient.	G2.20 G2.21

Unit Invoice Status – Status Item (Mandatory and single)

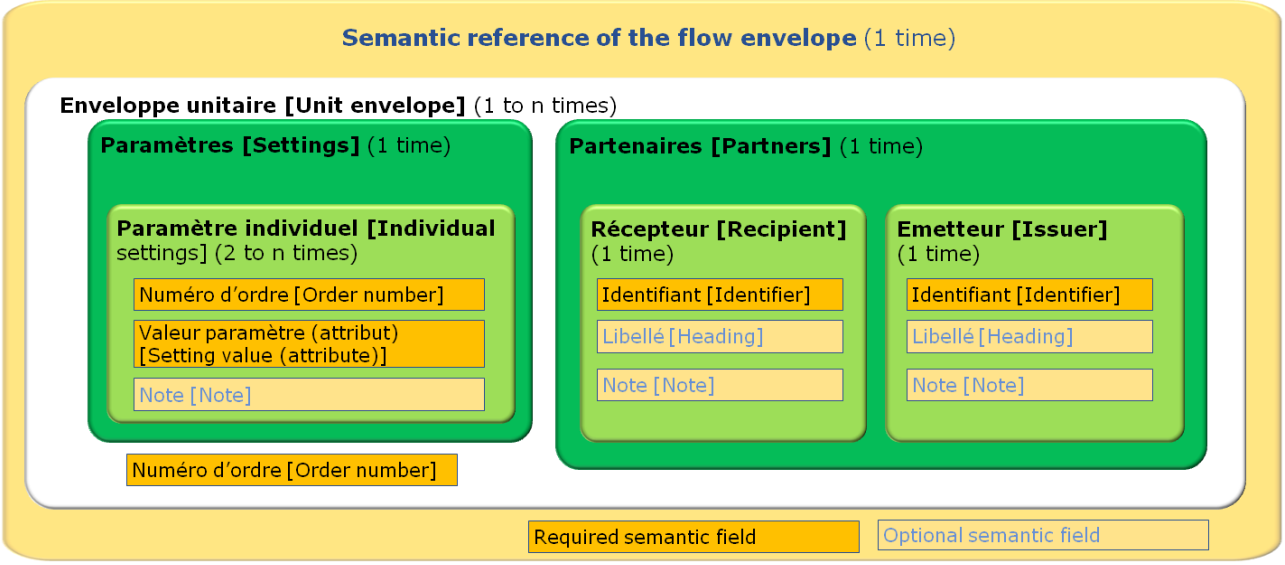
Name	M/O	Plurality	Description	Rules
Status code	M	Single	Status code	G5.01
Status supplement	O	Single	Standardised description of the event	
Comment	O	Single	Supplement to the event description. E.g.:reason for the rejection	
Time stamp	M	Single	Date and time of the event that generated the status	G1.25
Producer identifier	O	Single	Heading indicating which information system or application has generated the status	

Name	M/O	Plurality	Description	Rules
Invoice identifier of the issuer	M	Single	Invoice number issued by the Supplier	G1.05 G1.06
Date of the invoice	O	Single	Invoice date as specified by the Supplier	G1.09
Invoice identifier of the recipient (mandate/ payment request reference)	O	Single	The reference number associated with the invoice in the recipient's system (number of the payment request or mandate)	

4.4 Description of the flow envelopes

The data conveyed by the envelope are to the flows indicated as below:

- Pivot Flow (S)
- Invoice Mixed Flow (E2)
  - CPP Invoice Format
- Life cycle flow (R)
  - CPPStatut



Envelopes of the flows (optional and single)

Item	M/O	Plurality	Description	Rules
Unit envelope	M	Multiple	General information about the envelope	

Unit envelope (mandatory and multiple)

Item	M/O	Plurality	Description	Rules
Parameters	M	Single	Information about the parameters	
Partners	M	Single	Information about the partners	

Parameters

Item	M/O	Plurality	Description	Rules
Individual parameters	M	Multiple	Information about the individual parameter of the envelope	G7.01

Individual parameter

Item	M/O	Plurality	Description	Rules
Order number	M	Single	Information about the individual parameter of the envelope	
Parameter value	M	Single	Parameter value (description)	G7.01
Note	O	Single	Free text associated with the individual parameter	P1.08

Partners

Item	M/O	Plurality	Description	Rules
Recipient	M	Single	Information about the flow recipient	
Issuer	M	Single	Information about the issuer of the flow	

Recipient

Item	M/O	Plurality	Description	Rules
Identifier	M	Single	Identifier of the flow recipient	S5.03
Name	O	Single	Name of the flow recipient	P1.08
Note	O	Single	Free text associated with the flow recipient	P1.08

Issuer

Item	M/O	Plurality	Description	Rules
Identifier	M	Single	Identifier of the issuer of the flow	S5.03
Name	O	Single	Name of the issuer of the flow	P1.08
Note	O	Single	Free text associated with the issuer of the flow	P1.08

4.5 Description of the directory flow (FAR37)

The directory flow FAR37 can be used by Chorus Pro users to obtain legal information (phone number, postal address, etc.) and the settings chosen by public structures and their services, in particular the obligation to value a service code or a commitment number when an invoice is sent to this public structure.

The users of Chorus Pro have the possibility to receive this directory every day by both the three modes available in Chorus Pro: EDI, API and Portal.

- EDI mode: users can subscribe to this flow when connected to the solution. Suscribers receive every day the whole updated directory flow FAR37.
- API mode: users can download the updated directory by using the API "TéléchargerAnnuaireStructureDestinataire". This service returns an archive containing the FAR37 directory.
- Portal mode: users can direclty download the directory on the Chorus Pro portal on the public structure search page.

The table below describes the generic structure of the data comprising the directory flow through a hierarchy of nested items. The data components of each of the items are described in the following tables.

The M/O column indicates whether the data block is mandatory or optional in the flow. If an optional block is used, some of the data comprising it may be declared mandatory.
The "Plurality" column indicates whether a "Single" occurrence is allowed, or if "Multiple" occurrences are allowed.
Each reference to the "Rules" refers to the table of Chapter 5.3 listing all the rules applicable to the generic data.

CPPStructuresPartenaireUnitaire (Optional and multiple)

Item	M/O	Plurality	Description	Rules
General information	M	Single	General information about the settings of the structure	
Legal address	O	Single	Address of the public structure	
Services	O	Single	Services at the organisation of the invoice recipient.	

General information Item (Mandatory and single)

Item	M/O	Plurality	Description	Rules
Identifier type	M	Single	Identifies the registration reference of the invoice recipient (SIRET)	G1.28
Identifier	M	Single	The SIRET number of the public organisation	G1.30 G6.04
Name (corporate name)	M	Single	Name of the public structure	G9.05

Item	M/O	Plurality	Description	Rules
EDI sender	O	Single	This item indicate if the public structure can transmit EDI flows to Chorus Pro	
EDI receiver	O	Single	This item indicate if the public structure can receive EDI flows from Chorus Pro	
Support of the statut « Mise en paiement »	M	Single	Indicates if the public structure supports the status « Mise en paiement » [Payment of the invoice]	G9.01
Mandatory commitment number	M	Single	Indicates if the public structure requires the information of an commitment number	G9.02
Mandatory service	M	Single	Indicates if the public structure requires the information of a service code	G9.02
Mandatory Commitment number or service	M	Single	Indicates if the public structure requires either the information of a service code or an Commitment number	G9.02
Authorised representative	M	Single	Indicates if the public structure act as a authorized representative in case of work contracts	G9.03
Authorised representative only	O	Single	Indicates if the public structure act solely as an authorized representative in case of work contracts	G9.03
Active structure	M	Single	Indicates if the public structure is able to receive dematerialized invoices	G9.04

Services item – Unit service item (Mandatory and multiple)

Item	M/O	Plurality	Description	Rules
Service code	M	Single	Codification of the services in the receiving structure's organization. This codification enable a computerized routing or a manual routing of the invoice inside the organization	G2.17 G2.18 G2.19 G2.29
Service name	O	Single	Nom du service au sein de l'organisation du destinataire de la facture. Il permet le routage manuel de la facture vers ce service	G2.20 G2.21
Mandatory Commitment number	M	Single	Indicates if the receiving service requires the information of an Commitment number	G9.02
Active service	M	Single	Indicates if the receiving service is able to receive dematerialized invoices	G9.04

Services item – Unit service item – Legal address Item (Optional and single)

Item	M/O	Plurality	Description	Rules
Legal address line	M	Single	Address line	G2.15
Legal postal code	M	Single	Postal code of the legal address	
Legal city name	M	Single	Municipality of the legal address	
Legal country code	O	Single	Country code of the legal address	
Telephone contact	O	Single	Telephone number of the contact person	
Contact email	O	Single	Email address of the contact person	

Legal address Item -(Optional and single)

Item	M/O	Plurality	Description	Rules
Legal address line	M	Single	Address line	
Legal postal code	M	Single	Postal code of the legal address	
Legal city name	M	Single	Municipality of the legal address	
Legal country code	O	Single	Country code of the legal address	
Telephone contact	O	Single	Telephone number of the contact person	
Contact email	O	Single	Email address of the contact person	

Legal address Item – Country Item (Optional and single):

Item	M/O	Plurality	Description	Rules
Country code	M	Single	Country code of the legal address	G2.01 G2.02 G2.03
Country	M	Single	Country name	

5 MANAGEMENT RULES ASSOCIATED WITH GENERIC DATA CONVEYED BY THE FLOWS

The nature of each rule indicated in the "Nature" column is given for informational purposes:

- Supply:rule specifying how the data is valorised by Chorus Pro from an external source (only for pivot flow data)
- Codification:the data values are constrained by a finite list of values listed in the table or referenced in an external source
- Consistency:the data values are constrained by an expression or an algorithm associated with other data
- Format:specification of the type or format of the applicable data
- Identification:the value of the data is validated in an external reference

Management Rules applicable to the generic data			
Id.	Title	Description	Nature
Rules concerning the general data of the invoice			
G1.01	Type of invoice authorised	The type enables the identification of whether it is a payment request or a credit note. The possible values are the following: - “Facture” - “Avoir” The adjustment invoices (following a payment schedule, especially in the context of fluid consumption) must be typed "Facture"	Codification

G1.02	Framework (Invoice mode)	The authorised values for the Framework (invoicing mode) are: • A1:Dépôt par un fournisseur d'une facture *[Submission by a supplier of an invoice]* • A2:Dépôt par un fournisseur d'une facture déjà payée *[Submission by a supplier of an invoice already paid]* • A3:Dépôt par un fournisseur d'un mémoire de frais de justice *[Submission by a supplier of a Memorandum on Justice Costs]* • A4:Dépôt par un fournisseur d'un projet de décompte mensuel *[Submission by a supplier of a draft monthly statement]* • A5:Dépôt par un fournisseur d'un état d'acompte *[Submission by a supplier of an account statement]* • A6:Pièce de facturation de travaux transmise au service financier *[Work invoice document sent to a financial service]* • A7:Dépôt par un fournisseur d'un projet de décompte final *[Submission by a supplier of a draft final statement]* • A8:Dépôt par un fournisseur d'un décompte général et définitif *[Submission by a supplier of a general and definitive statement]* • A9:Dépôt par un sous-traitant d'une facture *[Submission by a subcontractor of an invoice]* • A10:Dépôt par un sous-traitant d'un projet de décompte mensuel *[Submission by a subcontractor of a draft monthly statement]* • A12:Dépôt par un cotraitant d'une facture *[Submission by a joint contractor of an invoice]* • A13:Dépôt par un cotraitant d'un projet de décompte mensuel *[Submission by a joint contractor of a draft monthly statement]* • A14:Dépôt par un cotraitant d'un projet de décompte final *[Submission by a joint contractor of a draft final statement]* • A15:Dépôt par une MOE d'un état d'acompte *[Submission by a project manager of an account statement]* • A16:Dépôt par une MOE d'un état d'acompte validé *[Submission by a project manager of a validated account statement]* • A17:Dépôt par une MOE d'un projet de décompte général *[Submission by a project manager of a draft general statement]* • A18:Dépôt par une MOE d'un décompte général *[Submission by a project manager of a general statement]* • A19:Dépôt par une MOA d'un état d'acompte validé *[Submission by a contracting authority of a validated account statement]* • A20:Dépôt par une MOA d'un décompte général *[Submission by a contracting authority of a general statement]* • A21:Dépôt par un bénéficiaire d'une demande de remboursement de la TIC *[Submission by a beneficiary of an ICT reimbursement request]* • A22:Dépôt par un fournisseur ou mandataire d'un projet de décompte général dans le cadre d'une procédure tacite *[Submission by a supplier or an authorised representative of a draft general statement as part of a tacit procedure]* • A23:Dépôt par un fournisseur ou mandataire d'un décompte général et définitif tacite *[Submission by a supplier or an authorised representative of a tacit general and final statement]* • A24:Dépôt par une MOE d'un décompte général et définitif tacite *[Submission by an authorised representative of a tacit general and final statement]* • A25:Dépôt par une MOA d'un décompte général et définitif dans le cadre d'une procédure tacite *[Submission by an authorised representative of a general and final statement as part of a tacit procedure]*	Codification

Id.	Title	Description	Nature
G1.03	Framework (invoice mode)	The framework (invoicing method) is filled as A1 in the pivot flow when the tag is not indicated	Codification
G1.05	Invoice identifier/identifier of the original invoice	The identifier of the invoice is limited to 20 alphanumeric characters The following characters are allowed: - Space (" ") - Dash ("-") - Mark "+" - Underscore ("_") - Slash ("/")	Format
G1.06	Invoice identifier/identifier of the original invoice	Each invoice number is unique for a supplier regardless of the financial year. In certain cases, an invoice will be reissued or redisposed on Chorus Pro. Thoses invoices will have the same invoice number. Thoses cases are authorized when the invoice has one of thoses status: - "Erreur MOE" [Wrong MOE] - "Erreur MOA" [Wrong MOA] - "Erreur fournisseur sur valideur" [Wrong validator] - "Absence validation 1 et 2" [No validation 1 or 2] - "A recycler" [To be recycled] - "Suspendue" [Suspended] - "A completer" [To be completed]	Consistency
G1.07	Issue date of the invoice	The Issue date of the invoice must be on or before the submission date of the invoice in the system	Consistency
G1.08	Date of receipt	The date of receipt means the integration date of the invoice into Chorus Pro, with the exception of digitised invoices, which are validated by the date of receipt of the letter to the scanning facility.	Consistency
G1.09	Date	All of the date fields are in the following format YYYY-MM-DD in all the formats, excepted in the format CII.	Codification
G1.10	Currency	The list of authorised values for the currency of an invoice is consistent with those of the ISO 4217 reference	Codification
G1.11	Currency	The invoices are in a single currency	Codification
G1.12	Currency	If the currency is not indicated, all amounts are deemed to be valued in euros	Codification
G1.13	Format of an Amount, a quantity, a price or a fee in an Invoice	The Amount in an invoice is expressed by a number across 19 character positions. It cannot contain more than six decimal places. The separator is "."	Format

Id.	Title	Description	Nature
G1.14	Payment Means	The authorised value descriptions are: - Espèce [Cash] - Chèque [Check] - Virement [Bank transfer] - Prélèvement [Direct Debit] - Autre [Other] - Report [Report] If the Payment means is marked as "other" by the supplier or is not given, the value "Bank transfer" shall be indicated in the pivot flow. The codification of these values is guided by the management rules linked to the syntactic formats	Codification
G1.15	Payment Means	If the amount of an invoice is negative, but the invoice does not result in refund (for example:amount deducted from the next invoice), the payment means must be set to "report" by the supplier.	Codification
G1.16	Authorised bank reference type	The two permitted values are: - IBAN - RIB	Codification
G1.17	IBAN Format	If the IBAN bank reference is specified, the identifier of the bank account conforms to its format. This item contains 27 characters. It is mandatory to indicate an account number.	Format
G1.18	Bank account ID	If the RIB bank reference is specified, this area is filled using the account reference, the bank code, the wicked code and the security key. This field must contain between 11 and 27 characters. It is mandatory to indicate an account ID.	Consistency
G1.19	Banking Institution Identifier	In the event of the RIB type, the identifier is composed by the bank code and the wicked code separated by a blank space. The bank code is mandatory for this kind of bank account ID. In the event of the IBAN type, the BIC format is filled. The bank code is optional for this kind of bank account ID. This facultative field must contain 11 characters.	Consistency
G1.20	Banking Institution Identifier	If the IBAN bank reference is specified, the identifier of the banking institutions confirms to its BIC format	Codification
G1.21	Third party RIB banking information	In the event of an invoice payment to a differing third party, the banking details to enter are those of the factoring company	Codification

Id.	Title	Description	Nature
G1.22	Type of Authorised Tax	The tax type can be described as the supplier wants. Simple values are recommended, like "VAT"	Codification
G1.24	Rate of Authorised VAT	The applicable VAT rate is consistent with the regulatory list in force depending on the invoice date. The rate is expressed in percentage and not as a coefficient (example:20). The symbol "%" is not to be indicated.	Consistency
G1.25	Time stamp format	A time stamp is expressed in the format YYYY-MM-DDTHH:MM:SS. The HH:MM:SS portion can be omitted or forced at 00:00:00	Format
G1.26	Codification of the notes and supplements	When several note or line supplement tags are indicated within the same block, the supplier may specify a note number in its header, but the style sheet will display them in their order of appearance in the flow	Codification
G1.27	Digitisation identifier	The digitisation identifier contains 22 characters	Format
G1.28	General information	Regulatory references of a literary type are supported in the corresponding tags of the flows. If necessary, in the note tags. Example:references relating to the interest on arrears, reference to the reverse charge of VAT by the contractual party as part of a subcontractor invoice	Codification
G1.29	Charge / rebate motive code	Charge / rebate code must exist in the UN/EDIFACT 4465 specification database	Codification
G1.30	Charge / rebate at document level	The total amount of charges and rebates applicable to the whole document must be reported in the "Montant Remise" [Rebate amount] and "Montant charge" [Charge amount] tags	Consistency
G1.31	Charge indicator	Possible values are as follows: ○ "false":indicated entity contains rebates ○ "true":indicated entity contains charges	Codification
G1.32	Emission mode	Possible values are as follows: ○ "flux" [flow] ○ "numérisation" [numerisation] ○ "saisie" [manual input] ○ "PDF" [PDF]	Codification
G1.33	Invoicing framework and amount to be paid	If the invoicing framework is "A2", then the only possible value for the "montant à payer" [amount to be paid] tag is "0"	Consistency
G1.34	Invoicing framework relative to works contracts	The additional management rules related to invoicing frameworks for "work contract" invoices are mentioned in the annex dedicated to suppliers, national public establishments and entities of the public local sector	

Id.	Title	Description	Nature
G1.35	Invoicing framework	The authorised values for the invoicing framework in EDI mode are: • A1:Dépôt par un fournisseur d'une facture *[Submission by a supplier of an invoice]* • A2:Dépôt par un fournisseur d'une facture déjà payée *[Submission by a supplier of an invoice already paid]* • A4:Dépôt par un fournisseur d'un projet de décompte mensuel *[Submission by a supplier of a draft monthly statement]* • A7:Dépôt par un fournisseur d'un projet de décompte final *[Submission by a supplier of a draft final statement]* • A8:Dépôt par un fournisseur d'un décompte général et définitif *[Submission by a supplier of a general and definitive statement]* • A9:Dépôt par un sous-traitant d'une facture *[Submission by a subcontractor of an invoice]* • A10:Dépôt par un sous-traitant d'un projet de décompte mensuel *[Submission by a subcontractor of a draft monthly statement]* • A12:Dépôt par un cotraitant d'une facture *[Submission by a joint contractor of an invoice]* • A13:Dépôt par un cotraitant d'un projet de décompte mensuel *[Submission by a joint contractor of a draft monthly statement]* • A14:Dépôt par un cotraitant d'un projet de décompte final *[Submission by a joint contractor of a draft final statement]* • A22:Dépôt par un fournisseur ou mandataire d'un projet de décompte général dans le cadre d'une procédure tacite *[Submission by a supplier or an authorised representative of a draft general statement as part of a tacit procedure]*	

Rules concerning the data of the third parties:Suppliers, Debtors, Validators, etc.			
G2.01	Country Code	The country code must exist in ISO Code 3166 (alpha-2 standard only)	Codification
G2.02	Country Code	If the Country code tag is not indicated, this area will be filled as "FR".	Codification
G2.03	Country Code format	The country codes are represented by a two letter code	Format
G2.04	Authorised input identifier types for a third party	The authorised identifier types as Chorus Pro inputs for an invoice flow sent by a third party are as follows: - "1" or "SIRET":Tiers avec SIRET [Third party with SIRET] - "2" or "EUR":Structure Européenne hors France [European structure outside France] - "3" or "ETR":Structure hors UE [Structure outside the EU] - "4" or "RIDET":RIDET [RIDET] - "5":Numéro Tahiti [Tahiti Number] - "6":Autre [Other]	Codification
G2.05	Authorised Chorus Pro output identifier types for a third party	The authorised identifier types as Chorus Pro outputs (pivot flow) and inputs (lifecycle flow from the debtor) are as follows: - "1":Tiers avec SIRET [Third party with SIRET] - "2":Structure Européenne hors France [European structure outside France] - "3":Structure hors UE [Structure outside the EU] - "4":RIDET [RIDET] - "5":Numéro Tahiti [Tahiti Number] - "6":Autre [Other] - "7":Particulier [Private individual]	Codification
G2.06	Third party identifier	When the identifier type is not specified, the identifier used is deemed to be a SIRET number	Codification
G2.07	Third party identifier format	The maximum number of characters is defined by the type of identifier: **1-** If the "Identifier Type" is 1:14 characters **2-** If the "Identifier Type" is 2:maximum 18 characters **3-** If the "Identifier Type" is 3:18 characters **4-** If the "Identifier Type" is 4:9 or 10 characters **5-** If the "Identifier Type" is 5:9 characters **6-** If the "Identifier Type" is 6:18 characters **7-** If the "Identifier Type" is 7:maximum 80 characters	Format

G2.08	Third party identifier	The identifier is:
		• The SIRET for type 1 third parties
		• The intra-community VAT number for type 2 third parties
		• The country code and the first 16 characters of the company's name for type 3 third parties
		• The RIDET number for type 4 third parties
		• The Tahiti number for type 5 third parties
		• The country code and the first 16 characters of the company's name for type 6 third parties
		• For type 7 third parties, the identifier consists of a maximum of 18 characters following this precise order:
		  • Character no. 1:gender, represented by one digit (1 for men and 2 for women);
		  • Character no. 2 and no. 3:year of birth, represented by the last two digits;
		  • Character no. 4 and no. 5:the month of birth, represented by two digits;
		  • Character no. 6 to no. 10:the place of birth, represented by 5 digits[5].
		  • Character no. 11 to no. 80:
		  ○ the first 35 characters of the last name (without spaces)
		  ○ the first 35 characters of the surname (without spaces)
			Codification

G2.09	Name/corporate name	The name or corporate name must include a maximum of 99 characters	Format
G2.11	Supplier	The supplier is the third party that invoices the provision of the goods or services	Consistency
G2.12	Debtor	The debtor is a third party that settles the debt related to the provision of the goods or services	Consistency
G2.13	VAT regime	The supplier's VAT Regime can be filled by one of the following values: - VAT on debits, - VAT on collections, - Exempt, - Without VAT. If the item 'RécapitulatifTaxes.Exoneration' is used, the VAT regime is "TVA exonérée" Otherwise the VAT regime is the one filled in the item 'Supplier. VAT Regime'. If this item 'Supplier. VAT Regime' is empty, the VAT regime by default is "TVA sur les debits".	Codification

[5] For people born in mainland France, these are the two digit code of the province of birth (from 01 to 95 and 2A or 2B for Corsica from 1 January 1976) followed by the three digits of the official municipality code of the national statistics office, INSEE. For people born in the overseas departments and territories, the department code is 97 or 98, followed by the municipality code.
For those born abroad, the 2-digit code of the province is replaced by 99 and the municipality code by an INSEE code of the country of birth. For those born in Algeria, Morocco or Tunisia before the independence of these countries, a specific code (91, 92, 93 or 94 for Algeria, 95 for Morocco and 96 for Tunisia) appears instead of the code 99 and the INSEE code of the country concerned.

G2.14	Third party identification	The "supplier", the "debtor", and the "validator" that are in the invoice file must be in the database of Chorus Pro. The debtor's and supplier's structures must be actives.	Consistency
G2.15	Address line	At least one legal address line must exist per invoice file	Consistency
G2.16	Debtor	The identifier type for a debtor is always the SIRET number (Type 1)	Codification
G2.17	Public Sector Service Reference	The service code is required for some debtors (the information is present in Chorus Pro)	Codification
G2.18	Public Sector Service Reference	The indicated service code must be included in the service code specifications database (available in Chorus Pro)	Codification
G2.19	Public Sector Service Reference	The service code includes a maximum of 100 characters	Format
G2.20	Service name	The Service Name in the pivot flow for debtors of "State" nature will be the one listed by Chorus Pro and not the one listed in the invoice type flow.	Consistency
G2.21	Service name	The Service Name includes a maximum of 100 characters	Format
G2.22	Validator	The validator is required for the following invoicing methods:A4, A7, A9, A10, A12, A13, A14 (G1.01)	Consistency
G2.23	Validator	The validator is optional for the following invoicing methods:A22 (G1.01)	Consistency
G2.24	Validator	The validator is not permitted for the following invoicing methods:A1, A2, A3, A8 (G1.01)	Consistency
G2.25	Position of the signatory	The signatory position may be mandatory for revenue orders (ASAP)	Consistency
G2.26	Name and Position of the Signatory	This tag is required within the context of an issuance of invoices by public structures	Codification
G2.27	Supplier block note	This area can be used to indicate any required information (legal form, share capital, etc.)	Codification
G2.28	Tier beneficiary Corporate name	As part of the emission of a mixed flow, the supplier fills this tag in the case where payment is due to a tier beneficiary	Consistency
G2.29		The service code is alphanumeric. The following characters are allowed: - Capital letters: 'A' to 'Z' - Tiny letters: 'a' to 'z' - Numbers: '0' to '9' - Underscore: '_' - Dash: '- ' - Space and accented characters	

G2.30	Validator Identifier	For frameworks A4 to A8, A15 to A20 and A22 to A25, the default service for the structure PM (Project Manager) must have access to the area « Work Invoice ».	
Rules concerning the commitment data			
G3.01	Commitment reference	For debtors who have provided the requisite purchase order number, it is mandatory to fill in the field entitled "Commitment reference". These debtors are identified in the directory provided by Chorus Pro. If the commitment reference refers to an executable contract, then it is possible to indicate an identical contract reference. Existence control rules related to commitment reference remain applicable.	Consistency
G3.02	Contract reference	The contract reference includes a maximum of 50 characters	Format
G3.03	Contract reference	The contract reference includes a maximum of 50 characters	Format
G3.04	Commitment reference	The commitment reference includes a maximum of 50 characters	Format

Rules concerning the data of the attachments			
G4.01	Type of authorised document	The list of authorised types for the Nature of a Document is: - Main attachment (Invoice) - Additional attachment	Codification
G4.02	Format of authorised document	The accepted attachment formats are the following:.BMP, .GIF, .FAX, .ODT, .PPT, .TIFF, .XLS, .BZ2, .GZ, .JPEG, .P7S, .RTF, .TXT, .XML, .CSV, .GZIP, .JPG, .PDF, .SVG, .XHTML, .XLSX, .DOC, .HTM, .ODP, .PNG, .TGZ, .XLC, .ZIP, .DOCX, .HTML, .ODS, .PPS, .TIF, .XLM, .PPTX.	Format

G4.03	MimeType format	The format of a value in a document is a chain of characters complying with RFC2045 et RFC2046 (Mime Type) The list of possible MimeType format values for each file extension type is as follows: - [.BMP]:image/bmp - [.GIF]:image/gif - [.FAX]:image/g3fax - [.ODT]:application/vnd.oasis.opendocument.text - [.PPT]:application/vnd.ms-powerpoint - [.TIFF]:image/tiff - [.XLS]:application/vnd.ms-excel - [.BZ2]:application/x-bzip - [.GZ]:application/x-gzip - [.JPEG]:image/jpeg - [.P7S]:application/pkcs7-mime - [.RTF]:application/rtf - [.TXT]:Text/plain - [.XML]:application/xml - [.CSV]:text/csv - [.GZIP]:application/x-gzip - [.JPG]:image/jpeg - [.PDF]:application/pdf - [.SVG]:image/svg+xml - [.XHTML]:application/xhtml+xml - [.XLSX]:application/vnd.openxmlformats-officedocument.spreadsheetml.sheet - [.DOC]:application/msword - [.HTM]:text/html - [.ODP]:application/vnd.oasis.opendocument.presentation - [.PNG]:image/png - [.TGZ]:application/x-tar - [.XLC]:application/vnd.ms-excel - [.ZIP]:application/zip - [.DOCX]:application/vnd.openxmlformats-officedocument.wordprocessingml.document - [.HTML]:text/html - [.ODS]:application/vnd.oasis.opendocument.spreadsheet - [.PPS]:application/vnd.ms-powerpoint - [.TIF]:image/tiff - [.XLM]:application/xml ou text/xml - [.PPTX.]:application/vnd.openxmlformats-officedocument.presentationml.presentation	Format
G4.04	Compression of the content of the document	The content of a document is compressed using the original file following the only authorised method:ZIP	Supply
G4.05	Singularity of the attachment Invoice	Each Invoice File includes a maximum single supporting document (attached) of type = Main attachment (Invoice)	Consistency

G4.06	Attachment	In an invoice file, the attachment is of type Main attachment (invoice/credit note). Only one attachment is a main attachment. This attachment is: - The facture flow, formatted as an XML, in the case of a E1 flow. Le facture flow itself doesn't contain a main attachement - The PDF typed as a main attachement in the case of a E2 flow	Consistency
G4.07	Attachment	The size of the attachment is limited to 100 MB	Format
G4.08	Attachment	The size of the invoice file is limited to 120 MB	Format
G4.09	Attachment	When multiple attachments are indicated, they must be codified according to a dedicated numeration	Codification
G4.10	Attachment	If the "Pièce Jointe" item is completed, one of the following two tags must be indicated: - Contenu - Identifiant unique (URI)	Codification
G4.11	Attachment	An attachment of the type Main attachment (invoice/credit note) is renamed as such by Chorus Pro: FACnumberoftheinvoicecompanyidentifier.extension	Codification
G4.12	Attachment	An attachment of the type additional attachment is renamed as such by Chorus Pro: "PJBorcompanyidentifierNumberoftheinvoice.extension" for the follow-up report, For the other additional attachments: "PJXXnumberoftheinvoicecompanyidentifier.extension", XX being equal to the loading order of the attachment, written with two numbers. When the invoice number contains a blank space or a slash, those characters are replaced by an underscore. In the case of an E1 flow, the PDF copy of the invoice has a name that begins by "PJOO" and is the second attachment in the pivot flow.	Codification
G4.13	Attachment name	The attachment name has a maximum of 50 characters	Format
G4.14	Attachment	The attachment is optional if the flow is issued in PDF/A3 format	Consistency

G4.15	Authorised attachment type	Only .PDF format is authorised for a type Main attachment (Invoice) for a mixed Invoice flow (E2)	Format
G4.16	Attachment name	The extension in the name of the attachment is the one of the compressed file. For example:a main attachment is named xxx.pdf. The extension in the name of the attachment is mandatory.	
Rules concerning the life cycle data			
G5.01	Value list of the Status Codes of the invoices	The authorised list of values for the code of a Status is: - « 01 » (DEPOSEE) - « 03 » (MISE A DISPOSITION DU DESTINATAIRE) - « 04 » (A RECYCLER - ERREUR SUR LES DONNEES D'ACHEMINEMENT) - « 05 » (REJETEE PAR L'ORDONNATEUR POUR AUTRE MOTIF) - « 06 » (SUSPENDUE) - « 07 » (SERVICE FAIT) - « 08 » (MANDATÉE /DP VALIDÉE) - « 09 » (MISE A DISPOSITION DU COMPTABLE) - « 10 » (COMPTABILISÉE) - « 11 » (MISE EN PAIEMENT) - « 12 » (COMPLÉTÉE – MISE À DISPOSITION) - « 13 » (VALIDEE_1) - « 14 » (REFUSEE_1) - « 15 » (ABSENCE_VALIDATION_1_HORS_DELAI) - « 16 » (ABSENCE_VALIDATION_2_HORS_DELAI) - « 17 » (REFUSEE_2) - « 18 » (VALIDEE_2) - « 19 » (REFUSEE_MOE) - « 20 » (REFUSEE_FOURNISSEUR) - « 21 » (ASSOCIEE) - « 22 » (CONFORME – NON INTEGREE) - « 23 » (MISE A DISPOSITION DU PREMIER VALIDEUR) - « 24 » (REFUSEE PAR LE PREMIER VALIDEUR POUR ERREUR DES DONNEES D'ACHEMINEMENT) - « 25 » (MISE A DISPOSITION DU SECOND VALIDEUR) - « 26 » (REFUSEE PAR LE SECOND VALIDEUR POUR ERREUR DES DONNEES D'ACHEMINEMENT) - « 27 » (MISE A DISPOSITION MOE) - « 28 » (REFUSEE PAR LA MOE POUR ERREUR DES DONNEES D'ACHEMINEMENT) - « 29 » (PRISE EN COMPTE MOE) - « 30 » (MISE A DISPOSITION MOA) - « 31 » (REFUSEE PAR LA MOA POUR ERREUR DES DONNEES D'ACHEMINEMENT) - « 32 » (REFUSEE_MOA) - « 33 » (MISE A DISPOSITION FOURNISSEUR) - « 34 » (DEMANDE DE COMPLEMENT) - « 35 » (TRANSMISE MOA) - « 36 » (PRISE EN COMPTE DESTINATAIRE) - « 37 » (NON CONFORME – NON INTEGREE) - « 38 » (PRISE EN COMPTE MOA) - « 39 » (ACHEMINEE MOA) - « 40 » (ACHEMINEE MOE) - « 41 » (REMPLACEE PAR A22)	Codification

G5.03	Value list of the Status Code of the flow	- 90:Received - 91:In the process of transmission - 92:Final recipient received - 93:Receipt error - 94:Final recipient receipt error - 95:Transmission error to final recipient	
G5.04	Life cycle	In connection with the issuance of the life cycle flow, one and only one of two items must be indicated: - Flow Status - Invoice Status	Consistency
G5.05	Identifier of the status producer	The identifier of the status producer is limited to a maximum of 20 alphanumeric characters	Format
G5.06	Status complement	The status complement is limited to a maximum of 50 characters. Those characters are strictly alphanumerical. The special characters ("/", "_", etc.), the blank spaces and the accentuated characters are not allowed.	Format

G5.07	Value list of the Status codes of invoices to validate	This management rule applies to invoices which invoicing framework is A9, A10, A12, A13, and A14. For invoicing frameworks A9 and A12, the authorised list of values for a Status code is: • « 01 » DÉPOSÉE [DEPOSIT] • « 13 » VALIDEE_1 [VALIDATED_1] • « 14 » REFUSEE_1 [REFUSED_1] • « 15 » ABSENCE_VALIDATION_1_HORS_DELAI [VALIDATION ABSENCE_2 DUE DATE EXPIRED] • « 16 » ABSENCE_VALIDATION_2_HORS_DELAI [Validation absence_2 due date expired] • « 17 » REFUSEE_2 [Refused_2] • « 18 » VALIDEE_2 [Validated_2] • « 23 » MISE A DISPOSITION DU PREMIER VALIDEUR [AVAILABLE FOR THE FIRST VALIDATOR] • « 24 » REFUSEE PAR LE PREMIER VALIDEUR POUR ERREUR DES DONNEES D'ACHEMINEMENT [REFUSED BY THE FIRST VALIDATOR] • « 25 » MISE A DISPOSITION DU SECOND VALIDEUR [AVAILABLE FOR THE SECOND VALIDATOR] • « 26 » REFUSEE PAR LE SECOND VALIDEUR POUR ERREUR DES DONNEES D'ACHEMINEMENT [REFUSED BY THE FIRST VALIDATOR FOR ROUTING DATA] For invoicing frameworks A10, A13 and A14, the authorised list of values for a Status code is: • « 01 » DÉPOSÉE [DEPOSIT] • « 03 » (MISE A DISPOSITION DU DESTINATAIRE) [AVAILABLE FOR THE RECIPIENT] • « 13 » VALIDEE_1 [VALIDATED_1] • « 14 » REFUSEE_1 [REFUSED_1] • « 15 » ABSENCE_VALIDATION_1_HORS_DELAI [VALIDATION ABSENCE_2 DUE DATE EXPIRED] • « 16 » ABSENCE_VALIDATION_2_HORS_DELAI [Validation absence_2 due date expired] • « 17 » REFUSEE_2 [Refused_2] • « 18 » VALIDEE_2 [Validated_2] • « 23 » MISE A DISPOSITION DU PREMIER VALIDEUR [AVAILABLE FOR THE FIRST VALIDATOR] • « 24 » REFUSEE PAR LE PREMIER VALIDEUR POUR ERREUR DES DONNEES D'ACHEMINEMENT [REFUSED BY THE FIRST VALIDATOR] • « 25 » MISE A DISPOSITION DU SECOND VALIDEUR [AVAILABLE FOR THE SECOND VALIDATOR] • « 26 » REFUSEE PAR LE SECOND VALIDEUR POUR ERREUR DES DONNEES D'ACHEMINEMENT [REFUSED BY THE FIRST VALIDATOR FOR ROUTING DATA] • « 27 » (MISE A DISPOSITION MOE) [AVAILABLE FOR THE PROJECT MANAGER] • « 29 » (PRISE EN COMPTE MOE) [TAKEN INTO ACCOUNT BY THE PROJECT MANAGER] • « 38 » (PRISE EN COMPTE MOA) [TAKEN INTO ACCOUNT BY THE CONTRACTING AUTHORITY] • « 39 » (ACHEMINEE MOA) [ROUTED TO THE CONTRACTING AUTHORITY] • « 40 » (ACHEMINEE MOE) [ROUTED TO THE PROJECT MANAGER]	Codification

Rules concerning the data of the invoice lines			
G6.01	Invoice lines	The line number is a numeric sequence limited to 6 characters (1-999999). The line number in the Pivot flow is reorganized depending on the the filled line type. No line number is controlled, but the number of invoice lines must not be superior to the maximum limit.	Format
G6.02	Type of invoice lines	The position line is indicated by "TYPE_LIGNE" or left empty. If this is left empty, this indicates that the line has price information to be considered in the tabulations. The subtype of provision of goods or services is therefore not included, regardless of its value. The line is filled in the Pivot flow: • If the line Excluding Taxes Amount is equal to the global Excluding Taxes Amount or; • If the line Excluding Taxes Amount is different from the global Excluding Taxes Amount and there is at least another line in this invoice.	Codification
G6.03	Invoicing subtype	The line subtype must be filled in if the line type is " TYPE_LIGNE" and may contain the following values: - "DETAIL":this type of position line permits the supplier to indicate the price information to be considered in the tabulations. This type of position line is the only one that is transcribed in the pivot flow. - "REGROUPEMENT":this type of position line allows the supplier to provide calculation details (calculations of taxes, VAT, subtotals, total) - "INFORMATION":this type of position line allows the supplier to provide diverse information other than calculations (graphic elements, presentation of the invoice, etc.)	Codification

G6.04	Invoicing line and charge / rebate at document level	If the supplier has mentioned or more expense / rebate entities at the document level in their E1 invoice flow, Chorus Pro convert them into invoicing lines in the pivot flow. Converted tags are as follows: "Line number":sequential number starting from the number of invoicing lines of the invoice flow plus 1 then incremented of 1 for each Rebate or Invoice. " Product reference": ○ If "Charge indicator" = FALSE (rebate) ▪ If the supplier has indicated a motive code:"Rebate" + " <rebate sequential number> + ":" + <charge rebate motive code> + "-" + <charge rebate motive description> ▪ If the supplier has not indicated a motive code:"Rebate" + <rebate sequential number> + ":" + <charge rebate motive description> ○ If "Charge indicator" = TRUE (charge) ▪ If the supplier has indicated a motive code:"Charge" + <sequential charge number> + ":" + <charge rebate motive code> + "-" + <charge rebate motive description> ▪ If the supplier has not indicated a motive code:"Charge" + <sequential charge number> + ":" + <charge rebate motive code> + "-" + <charge rebate motive description> Where: ▪ <sequential rebate number> is a whole number starting from 1 and incremented by 1 for each Rebate ▪ <sequential charge number> is a whole number starting from 1 and incremented by 1 for each Charge ▪ <charge rebate motive code> = value of the field "Charge/rebate motive code" ▪ <charge rebate motive description" = value of the field "Charge/rebate motive description" "Quantity" indicates "1" "Pre-tax amount" and "unit price" indicate the charge or rebate amount.	Codification
G6.05	Unit price and quantity	Unit price and quantity of a product within a given invoicing line cannot both be inferior to 0	Consistency
G6.06	Amounts and charges / rebates	If unit price of a product within a given invoicing line is inferior to 0, then it is not possible to fill in the entity "charge/rebate"	Consistency

Rules concerning the envelope data			
G7.01	Individual parameter	Each envelope must include at least two "individual parameter" items in order to place the following information in the "parameter value" tag, presented in this order: • Date of the production of the flow • Flow identifier	Codification

Recommendations[6]			
P1.01	Product Ref	The Product Ref field is limited to 40 characters	Format
P1.02	Article name	The article name field is limited to 40 characters	Format
P1.03	Invoiced quantity	The invoiced quantity field is limited to 10 numeric characters	Format
P1.04	Delivery site	The delivery site identifier has a maximum of 20 characters	Format
P1.05	Delivery site	The name of the delivery site identifier has a maximum of 99 characters	Format
P1.06	Signatory name	The name of the validator has a maximum of 40 characters	Format
P1.07	Position of the signatory	The position of the validator has a maximum of 99 characters	Format
P1.08	Format of the text areas	The description or text fields have a maximum of 1,024 characters.	Format
P1.09	Comments	The description or text fields have a maximum of 2,000 characters.	Format
P1.10	Delivery site	If a delivery site identifier is indicated for a given invoicing line, then it must be the same as the identifier indicated for the delivery site entity	Consistency

[6] The rules as set forth below are intended for advisory purposes in order to ensure acceptable performance and optimum data display on generic style sheets.

6 MANAGEMENT RULES SPECIFIC TO MEMORANDA ON JUSTICE COSTS

The management rules below constitute additional rules specific to Memoranda on Justice Costs. They are therefore concurrent with the generic management rules presented in Section 1.3.

G8.01	Type of invoice	The authorised value is "380" (Facture)	Codification
G8.02	Attachment	The invoice file contains at least one attachment. The attachment type should belong to the specification database introduced by management rule G8.14	Codification
G8.05	Debtor identifier	The identifier of the debtor is marked by the generic SIRET number of the Ministry of Finance	Codification
G8.06	Wording and code of the text reference	The wording and the code of the text reference is contained in the RTXT specifications database	Codification
G8.07	Jurisdiction identifier and data	The jurisdiction identifier and data are contained in the JURI specifications database	Codification
G8.08	Jurisdiction identifier	10 alphanumeric characters	Format
G8.09	Type of service	The type of service code must be in the specifications database made available to suppliers on the portal of Chorus Pro	Codification

G8.11	Code and name of the requesting authority	The name and code of the reference to the requesting authority is contained in the AURE specifications database	Codification
G8.12	Code of the requesting authority	The debtor identifier number must always be filled with the unique State SIRET number (“11000201100044”).	Format
G8.13	Charges and type of service	The designation of the "Charges" tag is mandatory according to the type of service	Codification
G8.14	Order reference (commitment number)	The designation of the "commande" tag is authorized according to the type of service Depending on the type of service, the commitment number is compulsory (flow type 1) or unauthorized (flow type 4)	Codification
G8.15	Exemption	If the "Taux TVA" tag is marked at 0%, then the marking of the "Exonération" tag is mandatory. The exemption is exclusive: in case of zero VAT rate, all the amounts must be exempted.	Codification
G8.16	Document type	The document type is defined by codes specific to the E3 flow (Flux structuré Mémoire de Frais de Justice):	Codification

Code	Code name	Attachment category description
03	APS	Attestation perte de salaire [Loss of salary certificate]
04	ASF	Attestation service fait [Service rendered certificate]
05	AUT	Autre [Other]
06	BFD	Bordereau Frais de déplacement [Travel cost payment stub]
07	BRP	Bordereau récapitulatif de prestations [Summary of services statement]
08	CCG	Copie de la carte grise [Copy of the car registration document]
09	DEV	Devis accepté [Accepted estimate]
10	FAC	Facture justificative [Supporting invoice]
11	FHR	Facture justificative hébergement [Supporting accommodation invoice]
12	FLD	Facture justificative liée aux débours [Supporting invoice tied to the disbursements]
13	PJA	Mémoire justificatif FDJ commercial [Supporting commercial memorandum on justice costs]
14	REQ	Réquisition / Prescription [Requisition / Limitation]
15	RIB	RIB
16	RPJ	Regroupement de pièces justificatives [Regrouping of supporting documents]
17	TDT	Titres de transport [Travel documents]

G8.17	Attachment name	All of the attachments associated with the flow bear the prefix "ATT_"	Codification
G8.18	Attachment name	For the creation of the pivot flow, the attachments associated with the input flow have the prefix "PJP_LIBELLEDUCODEDUTYPEDEPIECE"	Codification
G8.19	Form number	The number of the form is identical to the number of the invoice	Codification
G8.20	Payment means	Tag constant:"30" (bank transfer)	Codification
G8.21	Payment means – ListID attribute	Tag constant:"UN/ECE/4461 Subset"	Codification
G8.22	Payment means – ListAgencyID attribute	Tag constant:"NES"	Codification
G8.23	Payment means – ListAgencyName attribute	Tag constant:"Northern European Subset"	Codification
G8.24	Payment means – ListName attribute	Tag constant:"Payment Means"	Codification
G8.25	Charge indicator	Tag constant:"false" (including when it relates to a charge line)	Codification
G8.26	Free of charge indicator	Tag constant:"true"	Codification
G8.27	Code and description of the type of service	The description and the code of the service type reference is contained in the TPRE specifications database	Codification
G8.28	Invoiced quantity	Tag constant:« 1 »	Codification
G8.29	VAT Code	The VAT code belongs to the specifications database	Codification
G8.30	Attribute of the intra-community VAT number of the supplier and debtor	Tag constant:"Num TVA intra-communautaire"	Codification
G8.31	Supplier category	The supplier category is within the specifications database	Codification
G8.32	Requisition date	The date of requisition is before or equal to the date of service	Consistency
G8.33	Date of service	The date of service is before or equal to the Issue date of the invoice	Consistency
G8.34	RCS identifier if the supplier [French companies register]	Made of "RCS + CITY + SIREN or SIRET NUMBER" 100 characters maximum	Codification
G8.37	Service code and name	When the service code is present in the flow, it must be related to a Jurisdiction in Chorus Pro	Codification
G8.38	Invoice identifier	Invoice identifier is limited to 16 alphanumeric characters	Format

G8.39	Currency	The single authorized value is"EUR" (Euros)	Codification
G8.40	Bank account payment identifier	The bank account identifier should exist in the "FOURNISSEUR RIB" [RIB SUPPLIER] specification database	Codification
G8.41	Case number	The case number is filled with an alphanumeric string of 35 characters maximum.	Format
G8.42	Invoiced quantity	The field is a whole number superior to 0 and limited to 4 characters	Format
G8.43	Charge/rebate motive	Possible values for charge or rebate motive are as follows: ○ "Remise" [Rebate] ○ "Frais de déplacement" [Transportation cost] ○ "Débours" [Disbursement]	Codification
G8.45	Service date	The service date is posterior or equal to the requisition date	Consistency
G8.46	Requisition date	The requisition date is anterior or equal to the date of the day	Consistency
G8.47	Invoicing framework	The invoicing framework of a memoranda on justice costs is "A3"	Codification
G8.48	Amounts	The amount indicated on memoranda on justice costs is made of a number with 15 positions. It contains 2 decimals. The separator is ".".	Format
G8.49	Commitment number	The committement number has maximum 10 caracteres	Format

The specific specifications databases for Memoranda on Justice Costs will be made available to suppliers on the portal of Chorus Pro.

7 MANAGEMENT RULES SPECIFIC TO DIRECTORY FLOWS FAR37

The management rules below constitute additional rules specific to the directory flows (FAR 37). They are therefore concurrent with the generic management rules presented in Section 1.3.

G9.01	Management of the Status « Mise en paiement »	The allowed values are: • « false »:the public structure never transmit statut « Mise en paiement » • « true »:the public structure may transmit statut « Mise en paiement »	Codification
G9.02	Mandatory commitment number and/or service code	The allowed values are: • « false »:the setting (service code and/or Commitment number) is not mandatory • « true »:the setting (service code and/or Commitment number) is mandatory for the structure or the service	Codification
G9.03	Is authorised representative	The allowed values are: • « false »:the structure is not an authorized representative in the case of work contracts • « true »:the structure act as an authorized representative in the case of work contracts	Codification
G9.04	Active structure/service	The allowed values are: • « false »: the structure/service is not active. It is not allowed to send invoices to this structure/service. • « true »: the structure/service is active	Codification
G9.05	Name/corporate name	The name or corporate name must include a maximum of 80 characters	Format

8 DETAILED DESCRIPTION OF THE SYNTACTIC FORMATS ASSOCIATED WITH DIFFERENT TYPES OF FLOW

This section presents for each type of flow, blocks or tags in the formats that implement these flows that contain the generic data presented in Section 5.3.

The tables below are completed as follows:

- The generic data are formatted as <Block Name>.<Data Name>,
- The blocks and tags are presented in a full tree structure identifying the flow data formatted as: <name 1>/ … <name n>/<data name>.

This tree structure is located in the Root block mentioned in the table header.
The rules applicable to generic data initially apply to this data and may be made more precise by specific rules.

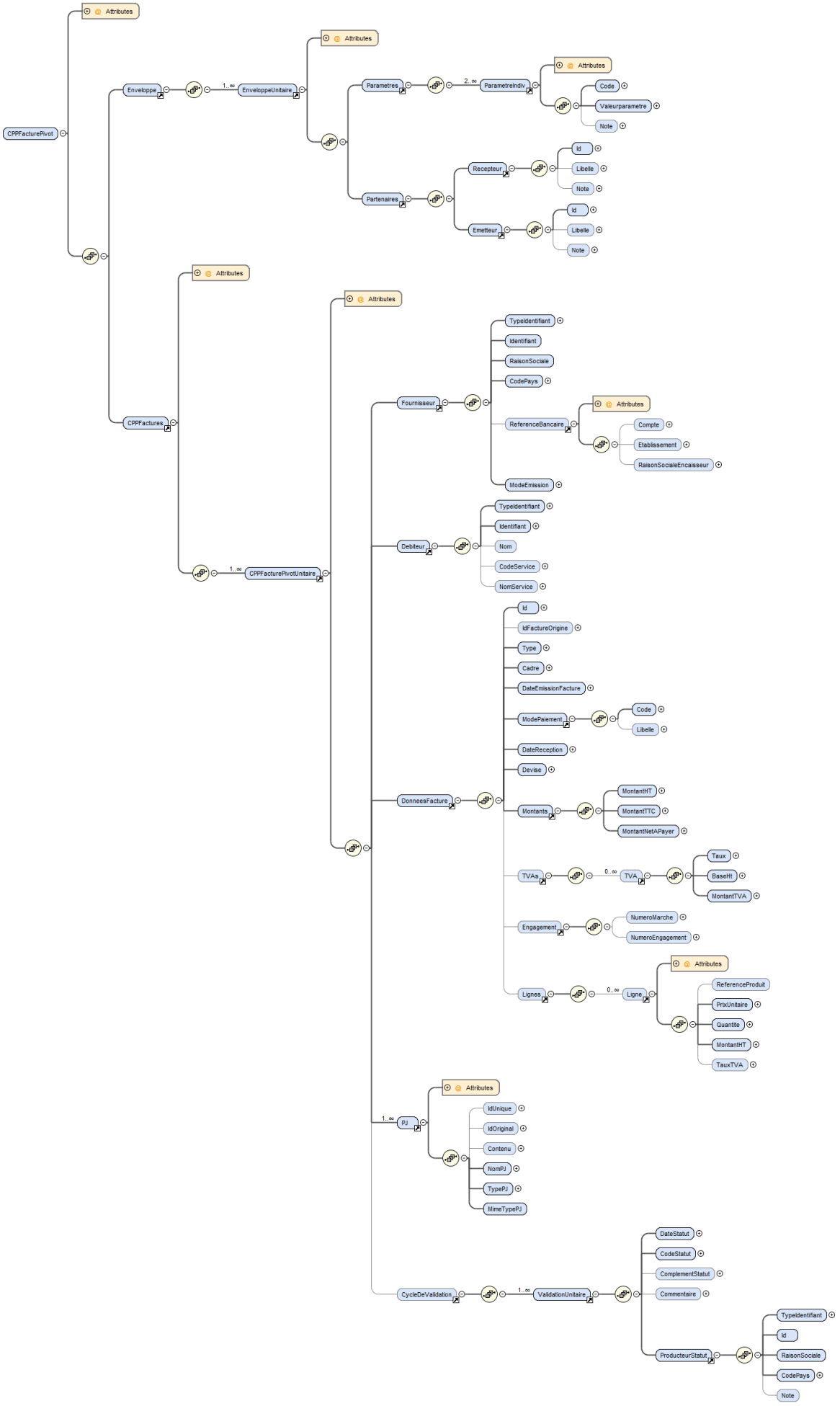
8.1 Pivot Flow - CPPFacturePivot Format

The exchange standard used for this format is a format proposed by the AIFE.

The XSD schema of this format is available as an appendix to the external specifications of Chorus Pro.

CPPFacturePivot_V1_22.xsd

This file can be opened from an XSD editor to display the tree structure as shown in the image below:


CPPFacturePivot
Attributes
Enveloppe
1..∞
EnveloppeUnitaire
Attributes
Parametres
2..∞
ParametreIndiv
Attributes
Code
Valeurparametre
Note
Partenaires
Recepteur
Id
Libelle
Note
Emetteur
Id
Libelle
Note
CPPFactures
Attributes
1..∞
CPPFacturePivotUnitaire
Attributes
Fournisseur
TypeIdentifiant
Identifiant
RaisonSociale
CodePays
ReferenceBancaire
Attributes
Compte
Etablissement
RaisonSocialeEncaisseur
ModeEmission
Debiteur
TypeIdentifiant
Identifiant
Nom
CodeService
NomService
DonneesFacture
Id
IdFactureOrigine
Type
Cadre
DateEmissionFacture
ModePaiement
Code
Libelle
DateReception
Devise
Montants
MontantHT
MontantTTC
MontantNetAPayer
TVAs
0..∞
TVA
Taux
BaseHt
MontantTVA
Engagement
NumeroMarche
NumeroEngagement
Lignes
0..∞
Ligne
Attributes
ReferenceProduit
PrixUnitaire
Quantite
MontantHT
TauxTVA
1..∞
PJ
Attributes
IdUnique
IdOriginal
Contenu
NomPJ
TypePJ
MimeTypePJ
CycleDeValidation
1..∞
ValidationUnitaire
DateStatut
CodeStatut
ComplementStatut
Commentaire
ProducteurStatut
TypeIdentifiant
Id
RaisonSociale
CodePays
Note

Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.

The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules,
- an additional rule to apply to a tag or a set of tags.

This chapter presents the syntax that may be used for the Invoicing Pivot flows.

The root block is "/CPPFacturePivot"

The version number of the XSD CPPFacturePivot is presented as an attribute of the root bloc ("/CPPFacturePivot @version).

flowflowflow

8.1.1 Pivot flow – envelope syntax of Chorus ProFacturePivot format

Generic data	Block / Tag	Syntactic rules	Generic rules
Unit envelope	Enveloppe / EnveloppeUnitaire		
Unit envelope			
Parameters	Enveloppe / EnveloppeUnitaire / Paramètres		
Parameters			
Parameters.Individual parameter	Enveloppe / EnveloppeUnitaire/Parametres /ParametreIndiv		G7.01
Individual parameter			
IndivParameter.Parametervalue	Enveloppe / EnveloppeUnitaire/Parametres/ ParametreIndiv/Valeurparametre/code		G7.01
IndivParameter. Note	Enveloppe / EnveloppeUnitaire/Parametres/ ParametreIndiv/Valeurparametre/note		P1.08
IndivParameter. Order number	Enveloppe / EnveloppeUnitaire/Parametres/ ParametreIndiv/Valeurparametre/NumOrdre		
Unit Envelope			
Unit Envelope. Partners	Enveloppe /Partenaires		
Partners			
Partners. Recipient	Enveloppe /Partenaires/Recepteur		
Partners. Issuer	Enveloppe /Partenaires/Emetteur		

Generic data	Block / Tag	Syntactic rules	Generic rules
Recipient			
Recipient. Identifier	Enveloppe /Partenaires/Recepteur/Id	S5.03	
Recipient. Name	Enveloppe /Partenaires/Recepteur/Libelle		P1.08
Recipient. Note	Enveloppe /Partenaires/Recepteur/Note		P1.08
Issuer			
Issuer. Identifier	Enveloppe /Partenaires/Emetteur/Id	S5.03	
Issuer. Name	Enveloppe /Partenaires/Emetteur/Libelle		P1.08
Issuer. Note	Enveloppe /Partenaires/Emetteur/Note		P1.08

8.1.2 Pivot Flow – Data syntax of Chorus ProFacturePivot format

Generic data	Block / Tag	Syntactic rules	Generic rules
Invoice data			
Invoice Data. Identifier	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Id		G1.05 G1.06
Invoice Data. Original Invoice Identifier	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / IdNumeroFactureOrigine		G1.05
Invoice Data. Type	CPPFactures / CPPFacturePivotUnitaire/ DonneesFacture / Type	S5.02	G1.01
Invoice Data. Framework	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Cadre		G1.02 G1.03
Invoice Data. Date of issuance	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / DateEmissionFacture		G1.07 G1.09
Invoice Data. Date of receipt	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / DateReception		G1.08 G1.09
Invoice Data. Currency	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Devise		G1.10 G1.11 G1.12
Invoice Data - Payment Means			
Payment Means. Code	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / ModePaiement /Code	S5.01	G1.14 G1.15
Payment Mode. Description	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / ModePaiement /Libelle		G1.13
Invoice Data - Amounts			
Amounts. Amount Excluding Taxes	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Montants / MontantHT		G1.13
Amounts. Total Amount Including Taxes	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Montants / MontantTTC		G1.13
Amounts. Amount to pay	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Montants / montantAPayer	S3.10	G1.13 G1.33
Invoice Data - VAT			
VAT. Base Amount	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / TVA / TVA / BaseHT		G1.13
VAT. Rate	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / TVA / TVA / Taux		G1.24

Generic data	Block / Tag	Syntactic rules	Generic rules
VAT. Tax amount	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / TVA / TVA / MontantTVA		G1.13
Invoice Data - Line			
Line. Number	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Lignes / Ligne / NumOrdre		G6.01
Line. Product reference	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Lignes / Ligne / ReferenceProduit		P1.01
Line. Invoiced quantity	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Lignes / Ligne / Quantite		P1.03 G6.05 G1.13
Line. Unit price	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Lignes / Ligne / PrixUnitaire		G1.13 G6.05
Line. Amount Excluding Taxes	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Lignes / Ligne / MontantHT		G1.13
Line. VAT rate	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Lignes / Ligne / TauxTVA		G1.24
Invoice Data - Commitment			
Commitment. Contract number	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Engagement / NumeroMarche		G3.03
Commitment. Commitment number	CPPFactures / CPPFacturePivotUnitaire / DonneesFacture / Engagement / NumeroEngagement		G3.01 G3.04
Supplier			
Supplier. Country Code	CPPFactures / CPPFacturePivotUnitaire / Fournisseur / CodePays		G2.01 G2.02 G2.03
Supplier Identifier type	CPPFactures / CPPFacturePivotUnitaire / Fournisseur / TypeIdentifiant		G2.05 G2.06
Supplier. Identifier	CPPFactures / CPPFacturePivotUnitaire / Fournisseur / Identifiant		G2.07 G2.08 G2.14 G2.06
Supplier. Name (corporate name)	CPPFactures / CPPFacturePivotUnitaire / Fournisseur / RaisonSociale		G2.09
Supplier. Mode of Issuance	CPPFactures / CPPFacturePivotUnitaire / Fournisseur / ModeEmission		G1.32
Supplier – Bank reference			

Generic data	Block / Tag	Syntactic rules	Generic rules
Bank reference. Bank reference type	CPPFactures / CPPFacturePivotUnitaire / Fournisseur / ReferenceBancaire / Type		G1.16 G1.17 G1.21
Bank reference bank account ID	CPPFactures / CPPFacturePivotUnitaire / Fournisseur / ReferenceBancaire / Compte		G1.17 G1.18 G1.21
Bank reference. Banking institution identifier	CPPFactures / CPPFacturePivotUnitaire / Fournisseur / ReferenceBancaire / Etablissement		G1.17 G1.19 G1.20 G1.21
Bank references. Payee corporate name	CPPFactures/CPPFacturePivotUnitaire / Fournisseur / ReferenceBancaire / RaisonSocialeEncaisseur		G2.09
Debtor			
Debtor. Identifier type	CPPFactures / CPPFacturePivotUnitaire / Debiteur / TypeIdentifiant		
Debtor. Identifier	CPPFactures / CPPFacturePivotUnitaire / Debiteur / Identifiant		G2.14 G2.16
Debtor. Name	CPPFactures / CPPFacturePivotUnitaire / Debiteur / Nom		G2.09
Debtor. Service code	CPPFactures / CPPFacturePivotUnitaire / Debiteur / CodeService		G2.19 G2.29
Debtor. Service name	CPPFactures / CPPFacturePivotUnitaire / Debiteur / NomService		G2.21
Attachment			
Attachment. Identifier	CPPFactures / CPPFacturePivotUnitaire / PJ / IdUnique		G4.10
Attachment. Original identifier	CPPFactures / CPPFacturePivotUnitaire / PJ / IdOriginal		G1.27
Attachment. Attachment type	CPPFactures / CPPFacturePivotUnitaire / PJ / TypePJ	S5.04	G4.01 G4.05 G4.06
Attachment. Attachment name	CPPFactures / CPPFacturePivotUnitaire / PJ / NomPJ		G4.09 G4.13
Attachment. Attachment format (Mimetype)	CPPFactures / CPPFacturePivotUnitaire / PJ / MimeTypePj		G4.03

Generic data	Block / Tag	Syntactic rules	Generic rules
Attachment. Content	CPPFactures / CPPFacturePivotUnitaire / PJ / Contenu		G4.04 G4.07 G4.08 G4.10
Attachment. Order number	CPPFactures / CPPFacturePivotUnitaire / PJ / NumOrdre		G4.12
Unit validation			
Unit validation. Status date	CPPFactures / CPPFacturePivotUnitaire / CycleDeValidation / ValidationUnitaire / DateStatut		G1.25
Unit validation. Status code	CPPFactures / CPPFacturePivotUnitaire / CycleDeValidation / ValidationUnitaire / CodeStatut		G5.05
Unit validation. Status supplement	CPPFactures / CPPFacturePivotUnitaire / CycleDeValidation / ValidationUnitaire / complementStatut		
Unit validation. Comment	CPPFactures / CPPFacturePivotUnitaire / CycleDeValidation / ValidationUnitaire / Commentaire		P1.09
Unit validation - Producer status			
Producer Status. Identifier type	CPPFactures / CPPFacturePivotUnitaire / CycleDeValidation / ValidationUnitaire / ProducteurStatut / TypeIdentifiant		
Producer Status. Identifier	CPPFactures / CPPFacturePivotUnitaire / CycleDeValidation / ValidationUnitaire / ProducteurStatut / Id		
Producer Status. Name (corporate name)	CPPFactures / CPPFacturePivotUnitaire / CycleDeValidation / ValidationUnitaire / ProducteurStatut / RaisonSociale		G2.09
Producer Status. Country Code	CPPFactures / CPPFacturePivotUnitaire / CycleDeValidation / ValidationUnitaire / ProducteurStatut / CodePays		

8.2 Invoice structured flow

This chapter presents the syntax used for the Invoice structured flows.

8.2.1 UBL Invoice Format

The exchange standard used for this format is the one promoted by the organisation OASIS (Organization for the Advancement of Structured Information Standards) under the standard Universal Business Language version 2.1 for all items related to the Invoice item defined by the XML schema.

The XSD schemas in UBL format are available at the following website:
http://docs.oasis-open.org/ubl/os-UBL-2.1/xsd/

Flow transmitters may use tags in this format that are not referenced in external specifications, so as to bear additional information. In this case, they should use their own style sheet (cf. chapter 5.7).

The tags in this table are located under the Invoice root tag of an XML document conforming to these standards.
Each tag complies with the specifications of the OASIS UBL 2.1 in terms of naming, cardinality and format (datatype).
Optional or non-existent tags in E1 flows that are required by the UBL format must be filled in with constants complying with UBL specifications (example:"null" or "xxx").

Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.
The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules,
- an additional rule to apply to a tag or a set of tags.

The interface identifier of the UBL-invoice format is "FSO1100A" (cf. chapter 5.7).

The root block is "/Invoice"

Generic data	Block / Tag	Syntactic rules	Generic rules
Framework	CategoryCode	S1.07	G1.03 G1.33 G1.34 G1.35

NB:this optional tag is an extension in the UBL format.

Generic data	Block / Tag	Syntactic rules	Generic rules
General information			

Generic data	Block / Tag	Syntactic rules	Generic rules
General information. Type	InvoiceTypeCode	S1.04	G1.01
General information. Identifier	ID		G1.05 G1.06
General information. Issue date of the invoice	IssueDate		G1.07 G1.09
General information. Start of period	InvoicePeriod / StartDate	S1.01	G1.09
General information. End of period	InvoicePeriod / EndDate	S1.01	G1.09
General information. Period description	InvoicePeriod / Description	S1.01	P1.08
General information. Currency	DocumentCurrencyCode		G1.10 G1.11 G1.12
General information. Original Invoice Identifier	BillingReference/ InvoiceDocumentReference/ ID		G1.05
General information. Amount Excluding Taxes	LegalMonetaryTotal/ TaxExclusiveAmount		G1.13
General information. Tax amount	TaxTotal/ TaxAmount		G1.13
General information. Total Amount Including Taxes	LegalMonetaryTotal/ TaxInclusiveAmount		G1.13
General information. Rebate Amount	LegalMonetaryTotal/ AllowanceTotalAmount		G1.13 G1.30
General information. Charges amount	LegalMonetaryTotal/ ChargeTotalAmount		G1.13 G1.30
General information. Amount to deduct	LegalMonetaryTotal/ PrepaidAmount		G1.13
General information. Amount to pay	LegalMonetaryTotal/ PayableAmount		G1.13 G1.33
General information. Note	Note		P1.08 G1.26
Tax Summary. Exemption	TaxTotal/ TaxSubtotal / TaxCategory/ TaxExemptionReason		P1.08
Charge / rebate			
Charge/Rebate. Charge Indicator	AllowanceCharge/ AllowanceChargeIndicator		G1.31
Charge/Rebate. Charge/Rebate motive code	AllowanceChargeReason/AllowanceChargeReasonCode		G1.29

Generic data	Block / Tag	Syntactic rules	Generic rules
Charge/rebate. Charge/rebate motive description	AllowanceCharge/ AllowanceChargeReason		P1.08
Charge/rebate. Charge/rebate amount	AllowanceCharge/ Amount		G1.13 G1.30
Charge/rebate. Base amount	AllowanceCharge/ BaseAmount		G1.13 G1.30
Tax summary			
Tax summary. Tax type	TaxTotal/ TaxSubtotal / TaxCategory/ TaxScheme/ TaxTypeCode		G1.22
Tax Summary. Base Amount	TaxTotal/ TaxSubtotal / TaxableAmount		G1.13
Tax Summary. Rate	TaxTotal/ TaxSubtotal / Percent		G1.24
Tax Summary. Tax amount	TaxTotal/ TaxSubtotal / TaxAmount		G1.13
Commitment			
Commitment. Buyers contract number	ContractDocumentReference/ID with ContractDocumentReference/DocumentTypeCode='Contrat'		G3.02
Commitment. Contract number	ContractDocumentReference/ID with ContractDocumentReference/DocumentTypeCode='Marché Public'		G3.03
Commitment. Commitment number	Invoice/OrderReference/ID		G3.01 G3.04
Commitment. Commitment number. Effective date	Invoice/OrderReference/ IssueDate (si Commitment number) and/or ContractDocumentReference/IssueDate (if contract)		G1.09
Supplier			
Supplier. Country Code	AccountingSupplierParty/ Party/ PartyLegalEntity/ RegistrationAddress/ Country/ IdentificationCode		G2.01 G2.02
Supplier. Identifier type	AccountingSupplierParty/ Party/ PartyIdentification[ID/@[7]schemeName		G2.04 G2.06 G2.07
Supplier. Identifier	AccountingSupplierParty/ Party/ PartyIdentification/ ID		G2.08 G2.14

[7] « @ » signifies that a typing has to be integreted to an existing tag

Generic data	Block / Tag	Syntactic rules	Generic rules
Supplier. Name	AccountingSupplierParty/ Party/ PartyLegalEntity/ RegistrationName		G2.09
Supplier. Service code	AccountingSupplierParty/ Party/ Contact/ Id		G2.19 G2.29
Supplier. Service name	AccountingSupplierParty/ Party/ Contact/ Name		G2.21
Supplier. VAT Identifier	AccountingSupplierParty/ Party/ PartyTaxScheme/ CompanyID		
Supplier. VAT regime	AccountingSupplierParty/ Party/ PartyTaxScheme/ TaxScheme/ TaxTypeCode	S1.09	G2.13
Supplier. Commercial Name	AccountingSupplierParty/ Party/ PartyName/ Name		G2.09
Supplier. Commercial address line	AccountingSupplierParty/ Party/ PostalAddress/ StreetName		
Supplier. Commercial postal code	AccountingSupplierParty/ Party/ PostalAddress/ PostalZone		
Supplier. Commercial city name	AccountingSupplierParty/ Party/ PostalAddress/ CityName		
Supplier. Commercial country code	AccountingSupplierParty/ Party/ PostalAddress/ Country/ IdentificationCode		G2.01 G2.03
Supplier. Contact name	AccountingSupplierParty/ AccountingContact/ Name		G2.09
Supplier. Telephone contact	AccountingSupplierParty/ AccountingContact/ Telephone		
Supplier. Fax contact	AccountingSupplierParty/ AccountingContact/ Telefax		
Supplier. Contact email	AccountingSupplierParty/ AccountingContact/ ElectronicMail		
Supplier. Legal address line	AccountingSupplierParty/ Party/ PartyLegalEntity/ RegistrationAddress/ StreetName		G2.15
Supplier.Legal address Postal code	AccountingSupplierParty/ Party/ PartyLegalEntity/ RegistrationAddress/ PostalZone		
Supplier.Legal address city name	AccountingSupplierParty/Party/PartyLegalEntity/RegistrationAddress/CityName		
Supplier. Note	AccountingSupplierParty/ Party/ Contact/Note		P1.08 G1.26 G2.27
Debtor			

Generic data	Block / Tag	Syntactic rules	Generic rules
Debtor. Identifier type	AccountingCustomerParty/ Party/ PartyIdentification[ID/@schemeName		G2.04 G2.06 G2.16
Debtor. Identifier	AccountingCustomerParty/ Party/ PartyIdentification/ ID		G2.14 G2.16
Debtor. Name	AccountingCustomerParty/Party/PartyName/Name		G2.09
Debtor. Service code	AccountingCustomerParty/ AccountingContact/ ID	S1.10	G2.17 G2.18 G2.19 G2.29
Debtor. Service name	AccountingCustomerParty/ AccountingContact/ Name		G2.20 G2.21
Debtor. VAT Identifier	AccountingCustomerParty/ Party/ PartyTaxScheme/ CompanyID		
Debtor. Legal country code	AccountingCustomerParty/ Party/ PostalAddress/ Country/ IdentificationCode		G2.01 G2.03
Debtor. Legal address line	AccountingCustomerParty/Party/PostalAddress/Street Name + AdditionalStreetName		G2.15
Debtor. Legal postal code	AccountingCustomerParty/ Party/ PostalAddress/ PostalZone		
Debtor. Legal city name	AccountingCustomerParty/ Party/ PostalAddress/ Cityname		
Debtor. Note	AccountingCustomerParty/ Party/ Contact/Note		P1.08 G1.26
Line			
Line. Number	InvoiceLine/ID		G6.01
Line. Type	InvoiceLine/ Item/ AdditionalItemProperty/ Name		G6.02
Line. Subtype	InvoiceLine/ Item/ AdditionalItemProperty/ Value		G6.03
Line. Delivery site identifier	InvoiceLine/ Delivery/ ID		P1.04
Line. Description	InvoiceLine/ Note		P1.08
Line. Product reference	InvoiceLine/ Item/ StandardItemIdentification/ ID		P1.01
Line. Article name	InvoiceLine/ Item/ Name		P1.02
Line. Delivery date	InvoiceLine/ Delivery/ ActualDeliveryDate		G1.09

Generic data	Block / Tag	Syntactic rules	Generic rules
Line. Invoiced quantity	InvoiceLine/ InvoicedQuantity		P1.03 G6.05 G1.13
Line. Delivery unit	InvoiceLine/ InvoicedQuantity/ @unitCode	S1.03	
Line. Unit price	InvoiceLine/ Price/ PriceAmount		G1.13 G6.05
Line. Amount Excluding Taxes	InvoiceLine/ LineExtensionAmount		G1.13
Line. VAT rate	InvoiceLine/ Item/ ClassifiedTaxCategory/ Percent		G1.24
Line. Supplement	InvoiceLine/ Item/ Description		P1.08 G1.26
Line – Charge/rebate			
Line - Charge/rebate. Charge indicator	InvoiceLine/ AllowanceCharge/ ChargeIndicator		G1.31
Line - Charge/rebate. Code Charge/ rebate motive code	InvoiceLine/AllowanceChargeReason/AllowanceChargeReasonCode		G1.29
Line - Charge/rebate. Charge/ rebate motive description	InvoiceLine/ AllowanceCharge/ AllowanceChargeReason		P1.08
Line -Charge/rebate. Charge / rebate amount	InvoiceLine/ AllowanceCharge/ Amount		G1.13
Line - Charge/rebate. Base Amount	InvoiceLine/ AllowanceCharge/ BaseAmount		G1.13
Payment			
Payment. Due Date	PaymentMeans/ PaymentDueDate		G1.09
Payment. Means	PaymentMeans/ PaymentMeansCode	S1.05	G1.14 G1.15
Payment. Bank reference type	PaymentMeans/ PaymentChannelCode		G1.16 G1.17 G1.21
Payment. Bank account ID	PaymentMeans/ PayeeFinancialAccount/ ID		G1.17 G1.18 G1.21

Generic data	Block / Tag	Syntactic rules	Generic rules
Payment. Banking institution identifier	PaymentMeans/ PayeeFinancialAccount/ FinancialInstitutionBranch/ ID		G1.17 G1.19 G1.20 G1.21
Payment. Note	PaymentTerms/ Note		P1.08 G1.26
Validator			
Validator. Country code	AccountingSupplierParty/ Party/ AgentParty/PartyLegalEntity/ RegistrationAddress/ Country/ IdentificationCode		G2.01 G2.03
Validator. Identifier type	AccountingSupplierParty/ Party/ AgentParty/PartyLegalEntity/PartyIdentification[ID/@schemeName		G2.04 G2.06
Validator. Identifier	AccountingSupplierParty/ Party/ AgentParty/ PartyIdentification/ID		G2.07 G2.08 G2.14
Validator. Legal name	AccountingSupplierParty/ Party/ AgentParty/ RegistrationName		G2.09
Validator. Contact name	AccountingSupplierParty/ Party/ AgentParty/ Contact/ Name		G2.09
Validator. Telephone contact	AccountingSupplierParty/ Party/ AgentParty/ Contact/ Telephone		
Validator. Fax contact	AccountingSupplierParty/ Party/ AgentParty/ Contact/ Telefax		
Validator. Contact email	AccountingSupplierParty/ Party/ AgentParty// Contact/ ElectronicMail		
Validator. Legal address line	AccountingSupplierParty/ Party/ AgentParty/PartyLegalEntity/ RegistrationAddress/ StreetName		
Validator.Legal address postal code	AccountingSupplierParty/ Party/ AgentParty/PartyLegalEntity/ RegistrationAddress/ PostalZone		
Validator.Legal address city name	AccountingSupplierParty/ Party/ AgentParty/PartyLegalEntity/ RegistrationAddress/ CityName		
Payee			
Payee. Country Code	PayeeParty/ PartyLegalEntity/ RegistrationAddress/ Country/ IdentificationCode		G2.01 G2.03
Payee. Identifier type	PayeeParty/ PartyIdentification[ID/@schemeName		G2.04 G2.06

Generic data	Block / Tag	Syntactic rules	Generic rules
Payee. Identifier	PayeeParty/ PartyIdentification/ID		G2.07 G2.08
Payee. Commercial name	PayeeParty/ PartyName/ Name		G2.09
Payee. Contact name	PayeeParty/ Contact/ Name		G2.09
Payee. Telephone	PayeeParty/ Contact/ Telephone		
Payee. Email	PayeeParty/ Contact/ ElectronicMail		
Payee. Legal address line	PayeeParty/ PartyLegalEntity/ RegistrationAddress/ AddressLine/StreetName + AdditionalStreetName		
Payee. Legal address postal code	PayeeParty/ PartyLegalEntity/ RegistrationAddress/ PostalZone		
Payee.Legal Address City name	PayeeParty/ PartyLegalEntity/ RegistrationAddress/ CityName		
Delivery site			
Delivery site. Identifier	Delivery / DeliveryLocation/ Id		P1.04
Delivery site. Name	Delivery / DeliveryLocation/ Description		
Delivery site. Address line	Delivery / DeliveryLocation/ Address/ StreetName		
Delivery site. Address postal code	Delivery / DeliveryLocation/ Address/ PostalZone		
Delivery site. Address City name	Delivery/ DeliveryLocation/ Address/ CityName		
Delivery site.Address Country code	Delivery / DeliveryLocation/ Address/ Country/ IdentificationCode		G2.01 G2.03
Attachment			
Attachment. Attachment type	AdditionalDocumentReference/ DocumentType	S1.06	G4.01 G4.05
Attachment. Attachment name	AdditionalDocumentReference/ ID	S1.06 S1.08	G4.09 G4.11 G4.12 G4.13 G4.16
Attachment. Attachment format	AdditionalDocumentReference/ DocumentTypeCode		G4.02 G4.03
Attachment. Content	AdditionalDocumentReference/ Attachment/ EmbeddedDocumentBinaryObject		G4.04 G4.07 G4.08

8.2.2 CII format

The exchange standard used for this format is the one promoted by the UN/CEFACT agency (United Nations Centre for Trade Facilitation and Electronic Business) in the form:

- of the CCTS (Core Component Technical Specification) version 3.0, published in September 2009,

The xsd schemes in the CII format are available at the following internet site
http://www.unece.org/tradewelcome/tradepublications/cefact.html

Although not referenced in external specifications, flow emitters may use tags in this format so as to bear additional information. In this case, emitters may use their own style sheet (cf. chapter 5.7).

The tags in this table are located under the root tag CrossIndustryInvoice of an XML document conforming to these standards.
Each tag complies with the CII specifications in terms of naming, cardinality and format (datatype).

Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.
Optional or non-existent tags in E1 flows that are required by the CII format must be filled in with constants complying with CII specifications (example: "null" or "xxx").

The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules,
- an additional rule to apply to a tag or a set of tags.

One version for the CII format may be used:

- CII 16B, which is the last format promoted by the UN/CEFACT agency.

The interface identifier of the CII 16B format is "FSO1106A".

The root is "/CrossIndustryInvoice". By default, tags are preceded by the prefix "ram :".

Generic data	Block / Tag	Syntactic rules	Generic rules
General information			
General information. Type	/rsm:ExchangedDocument/TypeCode	S2.04	G1.01
General information. Framework	/rsm:ExchangedDocumentContext/BusinessProcessSpecifiedDocumentContextParameter/ID		G1.03 G1.33 G1.34 G1.35
General information. Identifier	/rsm:ExchangedDocument/ID		G1.05 G1.06
General information. Issue date of the invoice	/rsm:ExchangedDocument/IssueDateTime/udt:DateTimeString	S2.12	G1.07
General information. Start of period	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/BillingSpecifiedPeriod/StartDateTime/udt:DateTimeString	S2.01 S2.12	
General information. End of period	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/BillingSpecifiedPeriod/EndDateTime/udt:DateTimeString	S2.01 S2.12	
General information. Period description	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/BillingSpecifiedPeriod/Description	S2.01	P1.08
General information. Currency	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceCurrencyCode		G1.10 G1.11 G1.12
General information. Original invoice identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceReferencedDocument/IssuerAssignedID		G1.05
General information. Amount Excluding Taxes	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/TaxBasisTotalAmount	S2.14	G1.13
General information. Tax amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/TaxTotalAmount	S2.14	G1.13
General information. Total Amount Including Taxes	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/GrandTotalAmount	S2.14	G1.13
General information. Rebate amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/AllowanceTotalAmount	S2.14	G1.13 G1.30
General information. Charge amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/ChargeTotalAmount	S2.14	G1.13 G1.30
General information. Amount to deduct	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/TotalPrepaidAmount	S2.14	G1.13

Generic data	Block / Tag	Syntactic rules	Generic rules
General information. Amount to pay	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/DuePayableAmount	S2.14	G1.13 G1.33
General information. Note	/rsm:ExchangedDocument/IncludedNote/Content		P1.08 G1.26
Charge / rebate			
Charge/Rebate. Charge Indicator	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/ChargeIndicator/udt:IndicatorString		G1.31
Charge/Rebate. Charge/Rebate motive code	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/ReasonCode	S2.15	G1.29
Charge/rebate. Charge/rebate motive description	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/Reason		P1.08
Charge/rebate. Charge/rebate amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/ActualAmount	S2.14	G1.13 G1.30
Charge/rebate. Base amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/BasisAmount	S2.14	G1.13 G1.30
Tax summary			
Tax summary. Tax type	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/CategoryCode	S2.17	G1.22
Tax summary. Base amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/BasisAmount	S2.14	G1.13
Tax summary. Rate	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/RateApplicablePercent		G1.24
Tax summary. Tax amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/CalculatedAmount	S2.16	G1.13
Tax summary. Exemption reason	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/ExemptionReason		P1.08
Commitment			
Commitment. Contract number	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/ContractReferencedDocument/IssuerAssignedID With /SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/ContractReferencedDocument/ReferenceTypeCode = 'CT'		G3.02
Commitment. Buyers contract number	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/ContractReferencedDocument/IssuerAssignedID With /SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/ContractReferencedDocument/ReferenceTypeCode = 'BC'		G3.03

Generic data	Block / Tag	Syntactic rules	Generic rules
Commitment. Commitment number	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/IssuerAssignedID		G3.01 G3.04
Commitment. Contract number. Effective date	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/ContractReferencedDocument/FormattedIssueDateTime With /SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/ContractReferencedDocument/ReferenceTypeCode = 'CT'	S2.12	
Commitment. Buyers contract number. Effective date	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/ContractReferencedDocument/FormattedIssueDateTime/qdt:DateTimeString With /SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/ContractReferencedDocument/ReferenceTypeCode = 'BC'	S2.12	
Commitment. Commitment number. Effective date	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/FormattedIssueDateTime	S2.12	
Supplier			
Supplier. Legal country code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/CountryID		G2.01 G2.02 G2.03
Supplier. Identifier type	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/ID/@schemeID		G2.04
Supplier. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/ID		G2.07 G2.08 G2.14
Supplier. Service Code	SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceIssuerReference		G2.19 G2.29
Supplier. Service Name	SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/ SellerTradeParty/ DefinedTradeContact/ DepartmentName		G2.21
Supplier. Name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/Name		G2.09
Supplier. VAT Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedTaxRegistration/ID Avec /SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedTaxRegistration/ID/@schemeID="VA"		

Generic data	Block / Tag	Syntactic rules	Generic rules
Supplier. VAT Regime	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/DueDateTypeCode	S2.06	G2.13
Supplier. Commercial name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/TradingBusinessName		G2.09
Supplier. Commercial address line	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/PostalTradeAddress/LineOne		
Supplier. Commercial postal code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/PostalTradeAddress/PostcodeCode		
Supplier. Commercial city name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/PostalTradeAddress/CityName		
Supplier. Commercial country code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/PostalTradeAddress/CountryID		G2.01 G2.03
Supplier. Contact name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/PersonName		G2.09
Supplier. Telephone contact	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/TelephoneUniversalCommunication/CompleteNumber		
Supplier. Fax contact	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/FaxUniversalCommunication/CompleteNumber		
Supplier. Contact email	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/EmailURIUniversalCommunication/URIID		
Supplier. Legal address line	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/LineOne		G2.15
Supplier. Legal postal code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/PostcodeCode		
Supplier. Legal city name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/CityName		
Supplier. Note	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/Description		P1.08 G1.26 G2.27
Debtor			
Debtor. Identifier type	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedLegalOrganization/ID/@schemeID		G2.04 G2.16
Debtor. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedLegalOrganization/ID		G2.14 G2.16
Debtor. Name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/Name		G2.09

Generic data	Block / Tag	Syntactic rules	Generic rules
Debtor. Service code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerReference	S2.19	G2.17 G2.18 G2.19 G2.29
Debtor. Service name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/DepartmentName		G2.20 G2.21
Debtor. VAT Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedTaxRegistration/ID With /SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedTaxRegistration/ID/@schemeID="VA"		
Debtor. Legal country code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/CountryID		G2.01 G2.03
Debtor. Legal address line	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/LineOne		G2.15
Debtor. Legal postal code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/PostcodeCode		
Debtor. Legal city name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/CityName		
Debtor. Note	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/Description		P1.08 G1.26
Line			
Line. Number	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/LineID		G6.01
Line. Type	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/LineStatusCode		G6.02
Line. Subtype	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/LineStatusReasonCode		G6.03
Line. Delivery site identifier	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/GlobalID		P1.04
Line. Description	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/Description		P1.08
Line. Product reference	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/GlobalID		P1.01
Line. Article name	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/Name		P1.02
Line. Delivery date	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ActualDeliverySupplyChainEvent/OccurrenceDateTime/udt:DateTimeString		

Generic data	Block / Tag	Syntactic rules	Generic rules
Line. Invoiced quantity	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/BilledQuantity	S2.14	P1.03 G1.13 G6.05
Line. Delivery unit	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/BilledQuantity/@unitCode		
Line. Unit price	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/NetPriceProductTradePrice/ChargeAmount	S2.14	G1.13 G6.05
Line. Amount Excluding Taxes	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeSettlementLineMonetarySummation/LineTotalAmount	S2.14	G1.13
Line. VAT rate	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax/RateApplicablePercent		G1.24
Line. Supplement	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/IncludedNote/Content		P1.08 G1.26
Line – Charge/rebate			
Line - Charge/rebate. Charge indicator	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeAllowanceCharge/ChargeIndicator/udt:IndicatorString		G1.31
Line - Charge/rebate. Code Charge/ rebate motive code	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeAllowanceCharge/ReasonCode		G1.29
Line - Charge/rebate. Charge/ rebate motive description	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeAllowanceCharge/Reason		P1.08
Line -Charge/rebate. Charge / rebate amount	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/GrossPriceProductTradePrice/AppliedTradeAllowanceCharge/ActualAmount	S2.14	G1.13
Line - Charge/rebate. Base Amount	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/GrossPriceProductTradePrice/ChargeAmount	S2.11 S2.14	G1.13
Payment			
Payment. Due date	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradePaymentTerms/DueDateDateTime/udt:DateTimeString	S2.12	
Payment. Means	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/TypeCode	S2.05	G1.14 G1.15
Payment. Bank account ID	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/PayeePartyCreditorFinancialAccount/IBANID	S2.10	G1.17 G1.18 G1.21

Generic data	Block / Tag	Syntactic rules	Generic rules
Payment. Banking institution identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/PayeeSpecifiedCreditorFinancialInstitution/BICID		G1.17 G1.19 G1.20 G1.21
Payment. Note	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/Information		P1.08 G1.26
Validator			
Validator. Country Code	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/CountryID		G2.01 G2.03
Validator. Identifier type	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/SpecifiedLegalOrganization/ID/@schemeID		G2.04
Validator. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/SpecifiedLegalOrganization/ID		G2.07 G2.08 G2.14 G2.29
Validator. Legal name	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/Name		G2.09
Validator. Contact name	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/PersonName		G2.09
Validator. Telephone contact	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/TelephoneUniversalCommunication/CompleteNumber		
Validator. Fax contact	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/FaxUniversalCommunication/CompleteNumber		
Validator. Contact email	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/EmailURIUniversalCommunication/URIID		
Validator. Legal address line	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/LineOne		
Validator.Legal address postal code	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/PostcodeCode		
Validator.Legal address city name	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/CityName		
Payee			
Payee. Country code	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/PayeeTradeParty/PostalTradeAddress/CountryID		G2.01 G2.02 G2.03

Generic data	Block / Tag	Syntactic rules	Generic rules
Payee. Identifier type	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/PayeeTradeParty/SpecifiedLegalOrganization/ID/@schemeID		G2.04
Payee. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/PayeeTradeParty/SpecifiedLegalOrganization/ID		G2.07 G2.08
Payee. Corporate name	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/PayeePartyCreditorFinancialAccount/AccountName		G2.09
Payee. Contact name	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/PersonName		G2.09
Payee. Telephone	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/TelephoneUniversalCommunication/CompleteNumber		
Payee. Fax number	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/FaxUniversalCommunication/CompleteNumber		
Payee. Email	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/EmailURIUniversalCommunication/URIID		
Payee. Legal address line	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/PayeeTradeParty/PostalTradeAddress/LineOne		
Payee.Legal address postal code	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/PayeeTradeParty/PostalTradeAddress/PostcodeCode		
Payee.Legal address city name	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/PayeeTradeParty/PostalTradeAddress/CityName		
Delivery site:			
Delivery site. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/ID		P1.04
Delivery site. Name	/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/Name		P1.05
Delivery site. Address line	/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/LineOne		
Delivery site. Address postal code	/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/PostcodeCode		
Delivery site.Address city name	/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/CityName		
Delivery site.Address Country code	/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/CountryID		G2.01 G2.03
Attachment			
Attachment. Attachment type	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/Name	S2.09	G4.01 G4.05

Generic data	Block / Tag	Syntactic rules	Generic rules
Attachment. Attachment name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/IssuerAssignedID		G4.09 G4.11 G4.12 G4.13 G4.16
Attachment. Attachment format	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/AttachmentBinaryObject/@mimeCode		G4.02 G4.03
Attachment. Content	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/AttachmentBinaryObject		G4.04 G4.07 G4.08

8.2.3 PES Facture Format

The exchange standard used for this format is PES_V2 defined by the decree of 27 June 2007 implementing Article D1617-23 of the Local and Regional Collectivity Code pertaining to the electronic invoicing of public accounting operations.
It is specified by the Documentation PESV2 version 7.02 updated on 15/07/2014 [PESv2] available on the site http://www.collectivites-locales.gouv.fr/.

The xsd schemas of the PES Facture format published by the DGFiP are available on the following website http://www.collectivites-locales.gouv.fr/protocole-dechange-standard-pes-0
Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.
Optional or non-existent tags in E1 flows that are required by the PES format must be filled in with constants complying with UBL specifications (example:"null" or "xxx").

The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules,
- an additional rule to apply to a tag or a set of tags.

This format is reserved for domestic suppliers and cases of nominal charges.

Each tag presented here below and associated to generic data comply with cardinality and the associated generic rules.
Syntactical rules associated to tags may relate to:

- a restriction of the authorised values stated in generic rules
- an additional rule applicable to this tag or a set of tags

When issuing a flow in the PES_V2 format transmitting multiple attachments, it is not possible to indicate the attachments. It is possible to send multiple attachments when only one invoice is sent.

The interface identifier of the PES format is "FSO1102A" (cf. Chapter 5.7).

Generic data	Block / Tag	Syntactic rules	Generic rules
General information			
General information. Type	TypeFact	S3.09	G1.01
General information. Identifier	FactureIndiv/ numeroFacture		G1.05 G1.06
General information. Issue date of the invoice	FactureIndiv/ DateEmission	S3.06	G1.07 G1.09
General information. Amount Excluding Taxes	FactureIndiv/ TotalAPayer/ MtTotalHT		G1.13
General information. Total Amount Including Taxes	FactureIndiv/ TotalAPayer/ MtTotalTTC	S3.10	G1.12 G1.13
General information. Note	FactureIndiv/ Objet		P1.08 G1.26
Tax summary			
Tax summary. Base amount	FactureIndiv/ DetailTVA/ MtBaseHT		G1.12 G1.13
Tax summary. Rate	FactureIndiv/ DetailTVA/ TauxTVA	S3.08	G1.24
Tax summary. Tax amount	FactureIndiv/ DetailTVA/ MtTVA		G1.12 G1.13
Supplier			
Supplier. Country code	Emetteur/ InfoTiers/Addresse/CodPays	S3.13	G2.01 G2.02 G2.03
Supplier. Identifier type	Emetteur/ InfoTiers/NatIdTiers		G2.04 G2.06
Supplier. Identifier	Emetteur/ InfoTiers/ IdTiers	S3.01	G2.07 G2.08 G2.14
Supplier. Name	Emetteur/ InfoTiers/(Civilite + Nom + ComplNom + Prenom)	S3.02 S3.03	G2.09
Supplier. VAT Identifier	Emetteur/ InfoTVAEmetteur/ NumTVA		
Supplier. Telephone contact	Emetteur/ InfoSuppl/ NumTel		
Supplier. Legal address line	Emetteur/ Addresse/ Adr1 /Adr2		G2.15
Supplier.Legal address postal code	Emetteur/ Addresse/ CP		

Generic data	Block / Tag	Syntactic rules	Generic rules
Supplier.Legal address city name	Emetteur/ Addresse/ Ville		
Supplier.Legal address country code	Emetteur/ Addresse/ CodPays	S3.13	
Supplier.Signatory name	Emetteur/ISignataire/Nom		P1.06 G2.26
Supplier.Signatory position	Emetteur/ISignataire/Role		G2.25 G2.26 P1.07
Debtor			
Debtor. Identifier	FactureIndiv/Debiteur/ InfoTiers/ IdTiers	S3.01	G2.14 G2.16 G2.06
Debtor. Name	FactureIndiv/Debiteur/ InfoTiers/Nom	S3.02 S3.03	G2.09
Debtor. Service code	*En attente de la nouvelle version des spécifications du PES V2*	S3.04	G2.17 G2.18 G2.19 G2.29
Debtor. Service name	*En attente de la nouvelle version des spécifications du PES V2*	S3.05	G2.20 G2.21
Debtor. VAT Identifier	FactureIndiv/Debiteur/ InfoTiers/ NumTVA		
Debtor. Legal country code	FactureIndiv/Debiteur/ InfoTiers/ Addresse/CodPays		
Debtor. Legal address line	FactureIndiv/Debiteur/ InfoTiers/ Addresse/Adr1		G2.15
Debtor. Legal postal code	FactureIndiv/Debiteur/ InfoTiers/ Addresse/CP		
Debtor. Legal city name	FactureIndiv/Debiteur/ InfoTiers/ Addresse/Ville		
Line			
Line. Number	FactureIndiv/ LigneFacture/ Ordre		G6.01
Line. Product ref	FactureIndiv/ LigneFacture/ CodeProduit		P1.01
Line. Article name	FactureIndiv/ LigneFacture/ Libelle		P1.02
Line. Delivery date	FactureIndiv/ LigneFacture/DateFin	S3.06	G1.09
Line. Invoiced quantity	FactureIndiv/ LigneFacture/ Quantite		P1.03 G6.05 G1.13

Generic data	Block / Tag	Syntactic rules	Generic rules
Line. Delivery unit	FactureIndiv/ LigneFacture/ Unite		
Line. Unit price	FactureIndiv/ LigneFacture/ MtUnitaire		G1.13 G6.05
Line. Base amount	FactureIndiv/ LigneFacture/ MtBase		G1.12 G1.13
Line. Discount amount	FactureIndiv/ LigneFacture/ MtRemise		G1.12 G1.13
Line. Amount Excluding Taxes	FactureIndiv/ LigneFacture/ MtHT		G1.12 G1.13
Line. VAT rate	FactureIndiv/ LigneFacture/ TauxTVA		G1.24
Line. Supplement	FactureIndiv/ LigneFacture/ Commentaire		G1.26
Payment			
Payment. Due date	FactureIndiv/ DateReglement	S3.06	G1.09
Payment. Payment Means	FactureIndiv/ ModaliteReglement	S3.12	P1.08
Payment. Bank account ID	Emetteur/ CpteBancaire/ IBAN		G1.17 G1.18 G1.21
Payment. Banking institution identifier	Emetteur/ CpteBancaire/ BIC		G1.17 G1.19 G1.20 G1.21
Payment. Note	FactureIndiv/ ConditionsGen		P1.08 G1.26
Attachment			
Attachment. Attachment type	PES_PJ/ PJ/ TypePJ	S3.11	G4.01 G4.05
Attachment. Attachment name	PES_PJ/ PJ/ NomPJ		G4.09 G4.11 G4.12 G4.13 G4.16
Attachment. Attachment format	PES_PJ/ PJ/ Description		G4.02 G4.03

Generic data	Block / Tag	Syntactic rules	Generic rules
Attachment. Content	PES_PJ/ PJ/ Contenu		G4.04 G4.07 G4.08

The tags presented here below, referenced in the semantic description, are not available in the PES_Factures format:

General information item:Framework, Start period, End period, Period description, Currency
Original Invoice Identifier, Tax Amount, Rebate Amount, Amount to Deduct, Charge Amount, Amount to Pay
Charge/rebate item:Charge/rebate indicator, Charge/rebate motive code, Charge/rebate motive description, Charge/rebate amount, Base amount
Tax summary item:tax type, exemption
Commitment item:Contract number; Order number; Buyers contract number; effective date
Validator item:Country code, Identifier type, Identifier, Name (Corporate name), Contact data, Legal information
Payee item:Country code, Identifier type, Identifier, Name (Corporate name), Contact data, Legal information
Delivery site item:Identifier, Name, Address
Supplier Item:Service Name; VAT Regime; Commercial Name; Commercial data, Contact data, Legal information, Note
Debtor Item:Identifier type
Line item:Type, Subtype, Delivery Site, Description
Payment item:Bank reference type

8.3 Invoice Mixed Flow

This chapter presents the syntax used for the Invoice mixed flows.

8.3.1 UBL-Invoice minimal format

The exchange standard used for this format is the one promoted by the organisation OASIS (Organization for the Advancement of Structured Information Standards) under the standard Universal Business Language version 2.1, for all items related to the Invoice item defined by the XML schema.
The XSD schemas in UBL format are available at the following website:
http://docs.oasis-open.org/ubl/os-UBL-2.1/xsd

The tags in this table are located under the Invoice root tag of an XML document conforming to these standards.
Each tag complies with the specifications of the OASIS UBL 2.1 in terms of naming, cardinality and format (datatype). Optional or non-existent tags in E2 flows that are required by the UBL format must be filled in with constants complying with UBL specifications (example:"null" or "xxx").

Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.
The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules,
- an additional rule to apply to a tag or a set of tags.

The interface identifier of UBL-Invoice minimal format is "FSO1110A" (cf. Chapter 5.7).

The root block is "/Invoice"

Generic data	Block / Tag	Syntactic rules	Generic rules
Framework	CategoryCode	S1.07	G1.03 G1.33 G1.34 G1.35

NB:this optional tag is an extension in the UBL format.

Generic data	Block / Tag	Syntactic rules	Generic rules
General information			
General information. Type	InvoiceTypeCode	S1.04	G1.01
General information. Identifier	ID		G1.05 G1.06

Generic data	Block / Tag	Syntactic rules	Generic rules
General information. Invoice Issue date	IssueDate		G1.07 G1.09
General information. Currency	DocumentCurrencyCode		G1.10 G1.11 G1.12
General information. Original invoice identifier	BillingReference/ InvoiceDocumentReference/ ID		G1.05
General information. Amount Excluding Taxes	LegalMonetaryTotal/ TaxExclusiveAmount		G1.12 G1.13
General information. Total Amount Including Taxes	LegalMonetaryTotal/ TaxInclusiveAmount		G1.12 G1.13
General information. Amount to pay	LegalMonetaryTotal/ PayableAmount		G1.12 G1.13 G1.33
General information. Payment. Means	PaymentMeans/ PaymentMeansCode	S1.05	G1.14 G1.15
Tax summary			
Tax summary. Tax type	TaxTotal/ TaxSubtotal / TaxCategory/ TaxScheme/ TaxTypeCode		G1.22
Tax summary. Base amount	TaxTotal/ TaxSubtotal / TaxableAmount		G1.12 G1.13
Tax summary. Rate	TaxTotal/ TaxSubtotal / Percent		G1.24
Tax Summary. Tax amounts	TaxTotal/ TaxSubtotal / TaxAmount		G1.12 G1.13
Commitment			
Commitment. Buyers contract number	Invoice/OrderReference[DocumentTypeCode='Marché public']/ID		G3.03
Commitment. Commitment number	Invoice/OrderReference[DocumentTypeCode=''Engagement']/ID		G3.01 G3.04
Supplier			
Supplier. Country code	AccountingSupplierParty/ Party/ PartyLegalEntity/ RegistrationAddress/ Country/ IdentificationCode		G2.01 G2.02 G2.03
Supplier. Identifier type	AccountingSupplierParty/ Party/ PartyIdentification[ID/@schemeName		G2.04 G2.06

Generic data	Block / Tag	Syntactic rules	Generic rules
Supplier. Identifier	AccountingSupplierParty/ Party/ PartyIdentification/ ID		G2.07 G2.08 G2.14
Supplier. Name	AccountingSupplierParty/ Party/ PartyLegalEntity/ RegistrationName		G2.09
Debtor			
Debtor. Identifier type	AccountingCustomerParty/ Party/ PartyIdentification[ID/@schemeName		G2.04 G2.06 G2.16
Debtor. Identifier	AccountingCustomerParty/ Party/ PartyIdentification/ ID		G2.06 G2.07 G2.08 G2.14 G2.16
Debtor. Name	AccountingCustomerParty/Party/PartyName/Name		G2.09
Debtor. Service code	AccountingCustomerParty/ AccountingContact/ ID	S1.10	G2.17 G2.18 G2.19 G2.29
Debtor. Service name	AccountingCustomerParty/ AccountingContact/ Name		G2.20 G2.21
Line			
Line. Number	InvoiceLine/ID		G6.01
Line. Type	InvoiceLine/ Item/ AdditionalItemProperty/ Name		G6.02
Line. Subtype	InvoiceLine/ Item/ AdditionalItemProperty/ Value		G6.03
Line. Delivery site identifier	InvoiceLine/ Delivery/ ID		P1.04
Line. Description	InvoiceLine/ Note		P1.08
Line. Product reference	InvoiceLine/ Item/ StandardItemIdentification/ ID		P1.01
Line. Invoiced quantity	InvoiceLine/ InvoicedQuantity		P1.03 G6.05 G1.13
Line. Unit price	InvoiceLine/ Price/ PriceAmount		G1.12 G1.13 G6.05

Generic data	Block / Tag	Syntactic rules	Generic rules
Line. Amount Excluding Taxes	InvoiceLine/ LineExtensionAmount		G1.12 G1.13
Line. VAT rate	InvoiceLine/ Item/ ClassifiedTaxCategory/ Percent		G1.24
Payment			
Payment. Bank reference type	PaymentMeans/ PaymentChannelCode		G1.16
Payment. Bank account ID	PaymentMeans/ PayeeFinancialAccount/ ID		G1.17 G1.18
Payment. Banking institution identifier	PaymentMeans/ PayeeFinancialAccount/ FinancialInstitutionBranch/ ID		G1.19 G1.20 G1.21
Payment. Payee Corporate name	PayeeParty/ PartyName/ Name		G2.09 G2.28
Validator			
Validator. Country code	AccountingSupplierParty/ Party/ AgentParty/PartyLegalEntity/ RegistrationAddress/ Country/ IdentificationCode		G2.01 G2.03
Validator. Identifier type	AccountingSupplierParty/ Party/ AgentParty /PartyIdentification[ID/@schemeName		G2.04 G2.06
Validator. Identifier	AccountingSupplierParty/ Party/ AgentParty/ /PartyIdentification/ID		G2.07 G2.08 G2.14
Validator. Legal name	AccountingSupplierParty/ Party/ AgentParty/PartyLegalEntity/ RegistrationName		G2.09
Attachment			
Attachment. Attachment type	AdditionalDocumentReference/ DocumentType	S2.06	G4.01 G4.05 G4.06
Attachment. Attachment name	AdditionalDocumentReference/ ID	S2.06	G4.09 G4.11 G4.12 G4.13 G4.16
Attachment. Attachment format	AdditionalDocumentReference/ DocumentTypeCode		G4.02 G4.03 G4.15

Generic data	Block / Tag	Syntactic rules	Generic rules
Attachment. Content	AdditionalDocumentReference/ Attachment/ EmbeddedDocumentBinaryObject		G4.04 G4.07 G4.08
Attachment. Digitisation identifier	Invoice/ PaymentMeans/ PayeeFinancialAccount/ PaymentNote		G1.27

8.3.2 Minimal CII format

The exchange standard used for this format is the one promoted by the UN agency UN/CEFACT (United Nations Centre for Trade Facilitation and Electronic Business) in the form:

- of the CCTS (Core Component Technical Specification) version 3.0, published in September 2009,

Xsd schemas of the CII format are available on the following website : http://www.unece.org/tradewelcome/tradepublications/cefact.html

The tags in this table are located under the root tag CrossIndustryInvoice of an XML document conforming to these standards.
Each tag complies with the CII specifications in terms of naming, cardinality and format (datatype). Optional or non-existent tags in E2 flows that are required by the CII format must be filled in with constants complying with CII specifications (example:"null" or "xxx").

Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.
The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules,
- an additional rule to apply to a tag or a set of tags.

A single version of the CII format can be used : CII 16b which is the last version published by the UN/CEFACT organism.

The interface identifier of the CII minimal format is "FSO1116A".

The root block is "/CrossIndustryInvoice".

Generic data	Block / Tag	Syntactic rules	Generic rules
General information			
General information. Type	/ExchangedDocument/TypeCode	S2.04	G1.01
General information. Framework	/ExchangedDocumentContext/BusinessProcessSpecifiedDocumentContextParameter/ID		G1.03 G1.33 G1.34 G1.35
General information. Identifier	/ExchangedDocument/ID		G1.05 G1.06
General information. Issue date of the invoice	/ExchangedDocument/IssueDateTime/DateTimeString	S2.12	G1.07
General information. Currency	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceCurrencyCode		G1.10 G1.11 G1.12
General information. Original invoice identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceReferencedDocument/IssuerAssignedID		G1.05

Generic data	Block / Tag	Syntactic rules	Generic rules
General information. Amount Excluding Taxes	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/TaxBasisTotalAmount	S2.14	G1.13
General information. Total Amount Including Taxes	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/GrandTotalAmount	S2.14	G1.13
General information. Amount to pay	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/DuePayableAmount	S2.14	G1.13 G1.33
General information. Payment. Means	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/TypeCode	S2.05	G1.14 G1.15
Tax summary			
Tax summary. Tax type	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/CategoryCode		G1.22
Tax Summary. Base amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/BasisAmount	S2.14	G1.13
Tax summary. Rate	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/RateApplicablePercent		G1.24
Tax summary. Tax amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/CalculatedAmount	S2.14	G1.13
Commitment			
Commitment. Buyers contract number	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/ContractReferencedDocument/IssuerAssignedID		G3.03
Commitment. Commitment number	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/IssuerAssignedID		G3.01 G3.04
Supplier			
Supplier. Country code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/CountryID		G2.01 G2.02 G2.03
Supplier. Identifier type	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/GlobalID/@schemeID /SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/ID/@schemeID	S2.13	G2.04 G2.06

Generic data	Block / Tag	Syntactic rules	Generic rules
Supplier. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/ID		G2.07 G2.08 G2.14
Supplier. Name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/Name		G2.09
Debtor			
Debtor. Identifier type	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedLegalOrganization/ID/@schemeID	S2.13	G2.04 G2.06 G2.16
Debtor. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedLegalOrganization/ID		G2.14 G2.16
Debtor. Name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/Name		G2.09
Debtor. Service code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerReference	S2.19	G2.17 G2.18 G2.19 G2.29
Debtor. Service name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/DepartmentName		G2.20 G2.21
Line			
Line. Number	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/LineID		G6.01
Line. Type	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/LineStatusCode		G6.02
Line. Subtype	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/LineStatusReasonCode		G6.03
Line. Delivery Site Identifier	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/GlobalID		P1.04
Line. Description	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/Description		P1.08
Line. Product reference	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/GlobalID		P1.01

Generic data	Block / Tag	Syntactic rules	Generic rules
Line. Invoiced quantity	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/BilledQuantity		P1.03 G1.13 G6.05
Line. Unit price	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/NetPriceProductTradePrice/ChargeAmount		G1.13 G6.05
Line. Amount Excluding Taxes	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeSettlementLineMonetarySummation/LineTotalAmount	S2.14	G1.13
Line. VAT rate	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax/RateApplicablePercent		G1.24
Payment			
Payee. Corporate name	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/PayeePartyCreditorFinancialAccount/AccountName		G2.09
Payment.Bank Account Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/PayeePartyCreditorFinancialAccount/IBANID		G1.17 G1.18 G1.21
Payment. Banking Institution Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/PayeeSpecifiedCreditorFinancialInstitution/BICID		G1.17 G1.19 G1.20 G1.21
Payment. Note	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/Information		P1.08 G1.26
Validator			
Validator. Country code	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/CountryID		G2.01 G2.03
Validator. Identifier type	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/SpecifiedLegalOrganization/ID/@schemeID	S2.13	G2.04 G2.06
Validator. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/ SpecifiedLegalOrganization/ID		G2.07 G2.08 G2.14 G2.29

Generic data	Block / Tag	Syntactic rules	Generic rules
Validator. Legal name	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/Name		G2.09
Attachment			
Attachment. Attachment type	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/Name	S2.09	G4.01 G4.05
Attachment. Attachment name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/IssuerAssignedID		G4.09 G4.11 G4.12 G4.13 G4.16
Attachment. Attachment format	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/AttachmentBinaryObject/@mimeCode		G4.02 G4.03
Attachment. Content	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/AttachmentBinaryObject		G4.04 G4.07 G4.08

8.3.3 PES_Factures Minimal Format

This format is one of an XML document conforming to the PES_V2 standard described in the reference document [PES_V2].
The xsd schemas of the PES Facture format published by the DGFiP are available on the following website http://www.collectivites-locales.gouv.fr/protocole-dechange-standard-pes-0

This format is reserved for domestic suppliers and cases of nominal charges.

It is not possible to transmit multiple invoices in a flux PES_V2 when issuing a mixed flow.

Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.
The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules,
- an additional rule to apply to a tag or a set of tags.

The interface identifier of the PES Invoice minimal format is "FSO1112A".

Generic data	Block / Tag	Syntactic rules	Generic rules
Invoice Synopsis			
Invoice Synopsis. Type	TypeFact	S3.09	G1.01
Invoice Synopsis. Identifier	FactureIndiv/ numeroFacture		G1.05 G1.06
Invoice Synopsis. Invoice Issue date	FactureIndiv/ DateEmission		G1.07 G1.09
Invoice Synopsis. Amount Excluding Taxes	FactureIndiv/ TotalAPayer/ MtTotalHT		G1.12 G1.13
Invoice Synopsis. Total Amount Including Taxes	FactureIndiv/ TotalAPayer/ MtTotalTTC	S3.10	G1.12 G1.13
Tax summary			
Tax summary. Base amount	FactureIndiv/ DetailTVA/ MtBaseHT		G1.12 G1.13
Tax summary. Rate	FactureIndiv/ DetailTVA/ TauxTVA	S3.08	G1.24
Tax summary. Tax amount	FactureIndiv/ DetailTVA/ MtTVA		G1.12 G1.13
Supplier			

Generic data	Block / Tag	Syntactic rules	Generic rules
Supplier. Legal country code	Emetteur/ InfoTiers/Addresse/CodPays		G2.01 G2.02 G2.03
Supplier. Identifier Type	Emetteur/ InfoTiers/NatIdTiers		G2.04 G2.06
Supplier. Identifier	Emetteur/ InfoTiers/ IdTiers	S3.01	G2.07 G2.08 G2.14
Supplier. Name	Emetteur/ InfoTiers/(Civilite + Nom + ComplNom + Prenom)	S3.02 S3.03	G2.09
Debtor			
Debtor. Identifier	Debiteur/ InfoTiers/ IdTiers	S3.01	G2.06 G2.07 G2.08 G2.14 G2.16
Debtor. Name	Debiteur/ InfoTiers/Nom	S3.02	G2.09
Debtor. Service code	*Waiting for the new version of the specifications of PES V2*	S3.04	G2.17 G2.18 G2.19 G2.29
Debtor. Service name	*Waiting for the new version of the specifications of PES V2*	S3.05	G2.20 G2.21
Line			
Line. Number	FactureIndiv/ LigneFacture/ Ordre		G6.01
Line. Product reference	FactureIndiv/ LigneFacture/ CodeProduit		P1.01
Line. Invoiced quantity	FactureIndiv/ LigneFacture/ Quantite		P1.03 G6.05 G1.13
Line. Unit price	FactureIndiv/ LigneFacture/ MtUnitaire		G1.12 G1.13 G6.05
Line. Amount Excluding Taxes	FactureIndiv/ LigneFacture/ MtHT		G1.12 G1.13
Line. VAT rate	FactureIndiv/ LigneFacture/ TauxTVA	S3.08	G1.24

Generic data	Block / Tag	Syntactic rules	Generic rules
Payment			
Payment. Means	FactureIndiv/ ModaliteReglement	S5.01	P1.08
Payment. Bank account ID	Emetteur/ CpteBancaire/ IBAN		G1.17 G1.18
Payment. Banking institution identifier	Emetteur/ CpteBancaire/ BIC		G1.19 G1.20 G1.21
Attachment			
Attachment. Attachment type	PES_PJ/ PJ/ TypePJ	S3.11	G4.01 G4.05 G4.06
Attachment. Attachment name	PES_PJ/ PJ/ NomPJ		G4.09 G4.11 G4.12 G4.13 G4.16
Attachment. Attachment format	PES_PJ/ PJ/ Description		G4.02 G4.03
Attachment. Content	PES_PJ/ PJ/ Contenu		G4.04 G4.07 G4.08

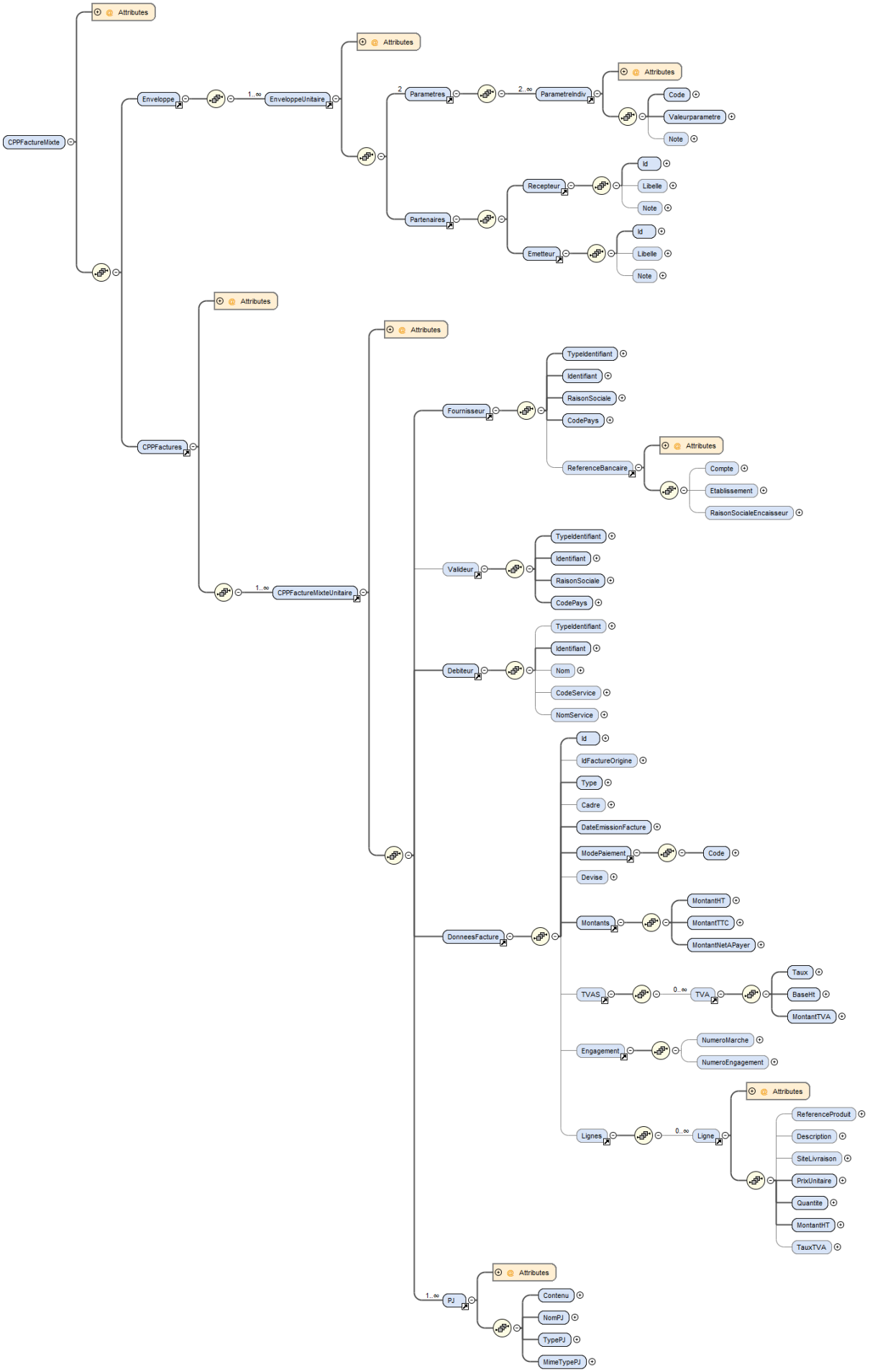
8.3.4 Mixed Invoice CPP Format

The exchange standard used for this format is a format proposed by the AIFE.

The XSD schema of this format is available as an appendix to the external specifications of Chorus Pro.

CPPFactureMixte_V1.16.xsd

This file can be opened from an XSD editor to display the tree structure as shown in the image below:


CPPFactureMixte
Attributes
Enveloppe
1..∞
EnveloppeUnitaire
Attributes
2
Parametres
2..∞
ParametreIndiv
Attributes
Code
Valeurparametre
Note
Partenaires
Recepteur
Id
Libelle
Note
Emetteur
Id
Libelle
Note
CPPFactures
Attributes
1..∞
CPPFactureMixteUnitaire
Attributes
Fournisseur
TypeIdentifiant
Identifiant
RaisonSociale
CodePays
ReferenceBancaire
Attributes
Compte
Etablissement
RaisonSocialeEncaisseur
Valideur
TypeIdentifiant
Identifiant
RaisonSociale
CodePays
Debiteur
TypeIdentifiant
Identifiant
Nom
CodeService
NomService
DonneesFacture
Id
IdFactureOrigine
Type
Cadre
DateEmissionFacture
ModePaiement
Code
Devise
Montants
MontantHT
MontantTTC
MontantNetAPayer
TVAS
0..∞
TVA
Taux
BaseHt
MontantTVA
Engagement
NumeroMarche
NumeroEngagement
Lignes
0..∞
Ligne
Attributes
ReferenceProduit
Description
SiteLivraison
PrixUnitaire
Quantite
MontantHT
TauxTVA
1..∞
PJ
Attributes
Contenu
NomPJ
TypePJ
MimeTypePJ

Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.

The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules,
- an additional rule to apply to a tag or a set of tags.

The interface identifier of the Mixed CPP format is “FSO1113A” (Cf. Chapter 5.7)

The root block is "/CPPFactureMixte"

Envelope syntax:

Generic data	Block / Tag	Syntactic rules	Generic rules
Unit envelope	Enveloppe / EnveloppeUnitaire		G1.01
Unit envelope			
Parameters	Enveloppe / EnveloppeUnitaire/ Paramètres		
Parameters			
Parameters. Individual parameter	Enveloppe / EnveloppeUnitaire/Parametres/ParametreIndiv		G7.01
Individual parameter			
IndivParameter. Parameter value	Enveloppe / EnveloppeUnitaire/Parametres/ ParametreIndiv/Valeurparametre/code		G7.01
IndivParameter. Note	Enveloppe / EnveloppeUnitaire/Parametres/ ParametreIndiv/Valeurparametre/note		P1.08
IndivParameter. Order number	Enveloppe / EnveloppeUnitaire/Parametres/ ParametreIndiv/Valeurparametre/NumOrdre		
Unit envelope			
Partners	Enveloppe /Partenaires		
Partners			
Recipient	Enveloppe /Partenaires/Récepteur		
Issuer	Enveloppe /Partenaires/Emetteur		
Recipient			
Recipient. Identifier	Enveloppe /Partenaires/Recepteur/Id	S5.03	
Recipient. Name	Enveloppe /Partenaires/Recepteur/Libelle		P1.08

Generic data	Block / Tag	Syntactic rules	Generic rules
Recipient. Note	Enveloppe /Partenaires/Recepteur/Note		P1.08
Issuer			
Issuer. Identifier	Enveloppe /Partenaires/Emetteur/Id	S5.03	
Issuer. Name	Enveloppe /Partenaires/Emetteur/Libelle		P1.08
Issuer. Note	Enveloppe /Partenaires/Emetteur/Note		P1.08

Data syntax:

Generic data	Block / Tag	Syntactic rules	Generic rules
Invoice Data			
Invoice Data. Identifier	CPPFactures/CPPFactureMixteunitaire/ DonneesFacture / Id		G1.05 G1.06
Invoice Data. Original Invoice Identifier	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / IdFactureOrigine		G1.05
Invoice Data. Type	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / Type	S5.02	G1.01
Invoice Data. Framework	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / Cadre		G1.03 G1.33 G1.35
Invoice Data. Invoice Issue date	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / DateEmissionFacture		G1.07 G1.09
Invoice Data. Currency	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / Devise		G1.10 G1.11 G1.12
Invoice Data - Payment Means			
Payment Means. Code	CPPFactures/CPPFactureMixteUnitaire / DonneesFacture/ modePaiement /Code	S5.01	G1.14 G1.15
Payment Means. Description	CPPFactures / CPPFactureMixteUnitaire / DonneesFacture / modePaiement /Libelle		G1.14
Invoice Data – Amounts			
Amounts. Amount Excluding Taxes	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / montantHT		G1.13
Amounts. Total Amount Including Taxes	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / montantTTC		G1.13

Generic data	Block / Tag	Syntactic rules	Generic rules
Amounts. Amount to pay	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / MontantNetAPayer		G1.13 G1.33
Invoice Data – Line			
Line. Number	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / Lignes / Ligne / NumOrdre		G6.01
Line. Product reference	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / Lignes / Ligne/ ReferenceProduit		P1.01
Line. Description	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / Lignes / Ligne/ Description		P1.08
Line. Delivery Site	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / Lignes / Ligne/ Sitelivraison		P1.04
Line. Invoiced quantity	CPPFactures/CPPFactureMixteunitaire / DonneesFacture /Lignes / Ligne/ Quantite		P1.03 G6.05 G1.13
Line. Unit price	CPPFactures/CPPFactureMixteunitaire / DonneesFacture /Lignes / Ligne/ PrixUnitaire		G1.13 G6.05
Line. Amount Excluding Taxes	CPPFactures/CPPFactureMixteunitaire / DonneesFacture /Lignes / Ligne/ montantHT		G1.13
Line. VAT rate	CPPFactures/CPPFactureMixteunitaire / DonneesFacture /Lignes / Ligne/ TauxTVA		G1.24
Invoice Data – VAT			
VAT. Base Amount	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / TVAs / TVA / BaseHT		G1.13
VAT. Rate	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / TVAs / TVA / Taux		G1.24
VAT. Tax amount	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / TVAs / TVAs / montantTVA		G1.13
Invoice Data – Commitment			
Commitment. Buyers contract number	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / Engagement / numeroMarche		G3.03
Commitment. Commitment number	CPPFactures/CPPFactureMixteunitaire / DonneesFacture / Engagement / numeroEngagement		G3.01 G3.04
Supplier			
Supplier. Country code	CPPFactures/CPPFactureMixteunitaire / Emetteur / CodePays		G2.01 G2.02 G2.03

Generic data	Block / Tag	Syntactic rules	Generic rules
Supplier. Identifier type	CPPFactures/CPPFactureMixteunitaire / Emetteur / TypeIdentifiant		G2.04 G2.06
Supplier. Identifier	CPPFactures/CPPFactureMixteunitaire / Emetteur / Identifiant		G2.07 G2.08 G2.14
Supplier. Name (corporate name)	CPPFactures/CPPFactureMixteunitaire / Emetteur / RaisonSociale		G2.09
Supplier – Bank reference			
Bank reference. Bank reference type	CPPFactures/CPPFactureMixteunitaire / Fournisseur / ReferenceBancaire/TypeRefBancaire		G1.16 G1.17 G1.21
Bank reference. Bank account ID	CPPFactures/CPPFactureMixteunitaire / Fournisseur / ReferenceBancaire / Compte		G1.17 G1.18 G1.21
Bank references. Banking institution identifier	CPPFactures/CPPFactureMixteunitaire / Fournisseur / ReferenceBancaire / Etablissement		G1.19 G1.20 G1.21
Bank references. Payee corporate name	CPPFactures/CPPFactureMixteunitaire / Fournisseur / ReferenceBancaire / RaisonSocialeEncaisseur		G2.09
Debtor			
Debtor. Identifier type	CPPFactures/CPPFactureMixteunitaire / Valideur / TypeIdentifiant		G2.04 G2.06 G2.16
Debtor. Identifier	CPPFactures/CPPFactureMixteunitaire / destinataire / Identifiant		G2.06 G2.07 G2.08 G2.14 G2.16
Debtor. Name	CPPFactures/CPPFactureMixteunitaire / destinataire / Nom		G2.09
Debtor. Service code	CPPFactures/CPPFactureMixteunitaire / destinataire / CodeService	S5.05	G2.17 G2.18 G2.19 G2.29
Debtor. Service name	CPPFactures/CPPFactureMixteunitaire / destinataire / nomService		G2.20 G2.21

Generic data	Block / Tag	Syntactic rules	Generic rules
Validator			
Validator. Country Code	CPPFactures/CPPFactureMixteunitaire / Valideur / CodePays		G2.01 G2.03
Validator. Identifier type	CPPFactures/CPPFactureMixteunitaire / Valideur / TypeIdentifiant		G2.04 G2.06
Validator. Identifier	CPPFactures/CPPFactureMixteunitaire / Validator / Identifier		G2.07 G2.08 G2.14
Validator. Name (corporate name)	CPPFactures/CPPFactureMixteunitaire / Valideur / RaisonSociale		G2.09
Attachment			
Attachment. Attachment type	CPPFactures/CPPFactureMixteunitaire /PJ/ TypePJ		G4.01 G4.05 G4.06
Attachment. Attachment name	CPPFactures/CPPFactureMixteunitaire /PJ/ NomPJ	S5.04	G4.09 G4.11 G4.12 G4.13 G4.16
Attachment. Attachment format	CPPFactures/CPPFactureMixteunitaire / PJ/ MimeTypePJ		G4.02 G4.03 G4.15
Attachment. Content	CPPFactures/CPPFactureMixteunitaire /PJ/ Contenu		G4.04 G4.07 G4.08

8.3.5 Type Factur-X mixed format (PDF/A3 format)

The Factur-X format (also called PDF/A3 format) takes place in the European Semantic Norm of the electronic invoice (prEN 16931-1).

A Factur-X mixed invoice is a PDF/A3-format file matching a single invoice. This file combines the readable representation of the invoice and the file envelope of structured data and potential additional attachments. The original file is the whole PDF/A3, which regroups the saved files (structured data file – XML file, and attached additional files).
All data of the invoice are contained in the readable file; thus, no attachment is required in the structured data. All attachments belong to type "02", which means that they are additional attachments. They can be saved in the metadata of XMP file or in the structured data of XML file.

The specifications of Factur-X format regroup five structured data profiles (XML file). These profiles are provided by the pattern of data identified in the European Semantic Norm (ESN). They contain data which can be compulsory, conditionally compulsory or optional.

These profiles are:

- **Minimum profile (MINIMUM):** it corresponds to minimum data required in order to allow an automatic treatment of the invoice. Most of these data must be saved in the structured data file.
- **Without Line Basic profile (BASIC WL):** it corresponds to Minimum profile with additional data which are generally needed to automate processing of invoices. This profile does not include the detailed data of the lines.
- **Basic profile (BASIC):** it corresponds to the BASIC WL profile updated with detailed data of the lines.
- **Confort ESN profile (CONFORT ESN):** this profile corresponds to BASIC profile with all ESN additional data.
- **Extended profile (EXTENDED):** it corresponds to the Confort ESN Profile with additional data for specific needs. These data must be organized according to the ESN.

The identifier code of Factur-X format is "FSO1117A" (cf. 4).

The root block is « /CrossIndustryInvoice »

Generic Data	Block / Tag	Syntactic rules	Generic rules
General Information			
General information. Factur-X profile	/ExchangedDocument/GuidelineSpecifieddocumentContext Parameter/ID	S2.20	
General information. Type	/ExchangedDocument/TypeCode	S2.04	G1.01
General information. Framework	/ExchangedDocumentContext/BusinessProcessSpecifiedDo cumentContextParameter/ID		G1.03 G1.33 G1.34 G1.35

Generic Data	Block / Tag	Syntactic rules	Generic rules
General information. Identifier	/ExchangedDocument/ID		G1.05 G1.06
General information. Issue date of the invoice	/ExchangedDocument/IssueDateTime/DateTimeString	S2.12	G1.07
General information. Currency	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceCurrencyCode		G1.10 G1.11 G1.12
General information. Original invoice identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceReferencedDocument/IssuerAssignedID		G1.05
General information. Amount Excluding Taxes	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/TaxBasisTotalAmount	S2.14	G1.13
General information. Total Amount Including Taxes	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/GrandTotalAmount	S2.14	G1.13
General information. Allowance Amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/AllowanceTotalAmount	S2.14	G1.13 G1.30
General information. Charge Amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/ChargeTotalAmount	S2.14	G1.13 G1.30
General information. Amount to pay	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementHeaderMonetarySummation/DuePayableAmount	S2.14	G1.13 G1.33
Charge / allowance			
Charge / allowance. Charge/allowance reason code	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/ReasonCode	S2.15	G1.29
Charge / allowance. Charge/allowance reason label	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/Reason		P1.08
TaxSummary			
TaxSummary. Tax type	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/CategoryCode	S2.17	G1.22
TaxSummary. Base amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/BasisAmount	S2.14	G1.13
TaxSummary. Rate	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/RateApplicablePercent		G1.24
TaxSummary. Tax amount	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/CalculatedAmount	S2.16	G1.13
TaxSummary. Exemption	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/ExemptionReason		P1.08
Commitment			
Commitment. Buyer contract number	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/ContractReferencedDocument/IssuerAssignedID		G3.03

Generic Data	Block / Tag	Syntactic rules	Generic rules
Commitment. Commitment number	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/IssuerAssignedID		G3.01 G3.04
Supplier			
Supplier. Country code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/CountryID		G2.01 G2.02 G2.03G2.03
Supplier. Identifier type	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/ID/@schemeID	S2.13	G2.04 G2.06
Supplier. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/ID		G2.07 G2.08 G2.14
Supplier. Name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/Name		G2.09
Supplier. VAT regime	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/ApplicableTradeTax/DueDateTypeCode	S2.06	G2.13
Supplier. Commercial address line	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/LineOne		G2.15
Supplier. Commercial postal code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/PostcodeCode		
Supplier. Commercial city name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/CityName		
Debtor			
Debtor. Identifier type	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedLegalOrganization/ID/@schemeID	S2.13	G2.04 G2.06 G2.16
Debtor. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedLegalOrganization/ID		G2.14 G2.16
Debtor. Name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/Name		G2.09
Debtor. Service code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerReference	S2.19	G2.17 G2.18 G2.19 G2.29

Generic Data	Block / Tag	Syntactic rules	Generic rules
Debtor. Legal country code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/CountryID		G2.01 G2.03
Debtor. Legal address line	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/LineOne		G2.15
Debtor. Legal postal code	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/PostcodeCode		
Debtor. Legal city name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/CityName		
Validator			
Validator. Country code	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/CountryID		G2.02
Validator. Identifier type	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/SpecifiedLegalOrganization/ID/@schemeID		G2.04
Validator. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/SpecifiedLegalOrganization/ID		G2.08 G2.14
Validator. Name (Company name)	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/Name		
Line			
Line. Number	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/LineID		G6.01
Line. Description	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/Description		P1.08
Line. Product reference	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/GlobalID		P1.01
Line. Article name	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/Name		P1.02
Line. Invoiced quantity	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/BilledQuantity	S2.14	P1.03 G1.13 G6.05
Line. Unit price	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/NetPriceProductTradePrice/ChargeAmount	S2.14	G1.13 G6.05
Line. Amount Excluding Taxes	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeSettlementLineMonetarySummation/LineTotalAmount	S2.14	G1.13
Line. VAT rate	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax/RateApplicablePercent		G1.24
Line. Delivery site identifier	/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/GlobalID		P1.04

Generic Data	Block / Tag	Syntactic rules	Generic rules
Payment			
Payment. Due date	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradePaymentTerms/DueDateDateTime/DateTimeString	S2.12	
Payment. Means	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/TypeCode	S2.05	G1.14 G1.15
Payment. Bank account ID	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/PayeePartyCreditorFinancialAccount/IBANID		G1.17 G1.18 G1.21
Payment. Banking institution identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/PayeeSpecifiedCreditorFinancialInstitution/BICID		G1.17 G1.19 G1.20 G1.21
Payee. Corporate name	/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/PayeePartyCreditorFinancialAccount/AccountName		G2.09
DeliverySite			
DeliverySite. Identifier	/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/ID		P1.04
Attachment			
Attachment. Attachment type	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/Name	S2.09	G4.01 G4.05
Attachment. Attachment name	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/IssuerAssignedID		G4.09 G4.11 G4.12 G4.13 G4.16
Attachment. Attachment format	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/AttachmentBinaryObject/@mimeCode		G4.02 G4.03
Attachment. Content	/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/AttachmentBinaryObject		G4.04 G4.07 G4.08

8.4 Memorandum on Justice Costs structured flows – UBL Invoice format

The exchange standard used for this format is the one promoted by the organisation OASIS (Organization for the Advancement of Structured Information Standards) under:

- the standard Universal Business Language version 2.1 for all of the items in relation to the Invoice item defined by the XML schema

The XSD schemas in UBL format are available at the following website:
http://docs.oasis-open.org/ubl/os-UBL-2.1/UBL-2.1.html

The tags in this table are located under the Invoice root tag of an XML document conforming to these standards.
Each tag complies with the specifications of the OASIS UBL 2.1 in terms of naming, cardinality and format (datatype).

Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.
The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules
- an additional rule to apply to a tag or a set of tags

The interface identifier of the UBL Memorandum Invoice format is "FSO1120A" (Cf. Chapter 5.7).
To enable an optimal management of memorandums on justice costs, it's recommended no to accumulate more than 50 lines in a single memorandum.

The root block is "/Invoice"

Generic data	Block / Tag	Syntactic rules	Generic rules
Framework	CategoryCode		G1.35 G8.47

NB:this optional tag is an extension in the UBL format.

Generic data	Block / Tag	Syntactic rules	Generic rules
General information			
General information. Type	InvoiceTypeCode		G1.01 G8.01
General information.Form number	UUID		G8.19
General information. Identifier (number)	ID		G1.06 G8.38

Generic data	Block / Tag	Syntactic rules	Generic rules
General information. Issue date of the invoice	IssueDate		G1.07 G1.09
General information. Start of service	InvoicePeriod/StartDate		G1.09
General information. End of service	InvoicePeriod/EndDate		G1.09 G8.33 G8.45
General information. Period description	InvoicePeriod/Description		P1.08
General information. Currency	DocumentCurrencyCode		G1.10 G1.11 G8.39
General information.Charge indicator	AllowanceCharge/ChargeIndicator		G8.25
General information. Allowance Amount	AllowanceCharge/Amount		G8.48
General information. Total Amount Including Taxes	LegalMonetaryTotal/TaxInclusiveAmount		G8.48
General information. Amount to pay	LegalMonetaryTotal/ PayableAmount		G8.48
General information.Tax amount	TaxTotal/TaxSubTotal/TaxAmount		G8.48
General information. Amount Excluding Taxes after discount	LegalMonetaryTotal/TaxExclusiveAmount		G8.48 G1.30
General information. Amount Excluding Taxes before discount	LegalMonetaryTotal/LineExtensionAmount		G8.48
General information.Text reference (code)	OrderReference/ID		G8.06
General information. Text reference (wording)	OrderReference/CustomerReference		G8.06
General information. Commitment number	ContractDocumentReference[DocumentTypeCode ='Engagement']/ID		G3.01 G8.14 G8.49

Generic data	Block / Tag	Syntactic rules	Generic rules
General information.Total invoice line number	LineCountNumeric		
Tax Summary			
General information. VAT Rate	TaxTotal/TaxSubTotal/Percent		
General information. Tax amount	TaxTotal/TaxSubTotal/TaxAmount		G8.48
General information. Amount Excluding Taxes	TaxTotal/TaxSubTotal/TaxableAmount		G8.48
Supplier			
Supplier. Country code	AccountingSupplierParty/Party/PartyLegalEntity/RegistrationAddress/Country/identificationCode		G2.01 G2.02 G2.03
Supplier. Identifier type	AccountingSupplierParty/Party/PartyIdentification/ID[@SchemeName(attribut)]		G2.04 G2.06 G2.07
Supplier. Identifier	AccountingSupplierParty/Party/PartyIdentification/ID		G2.08 G2.14
Supplier. RCS Identifier	AccountingSupplierParty/Party/PartyLegalEntity/CompanyId		G8.34
Supplier. Supplier category	AccountingSupplierParty/AdditionalAccountID		G8.31
Supplier. Name (corporate name)	AccountingSupplierParty/Party/PartyName/Name		G2.09
Supplier. Corporate name (or last name and first name)	AccountingSupplierParty/Party/PartyLegalEntity/RegistrationName		G2.09
Supplier. VAT Identifier	AccountingSupplierParty/Party/PartyTaxScheme/CompanyID		
Supplier. VAT identifier (attribute)	AccountingSupplierParty/Party/PartyTaxScheme/CompanyID[@SchemeName(attribut)]		G8.30
Supplier. VAT regime	AccountingSupplierParty/Party/PartyTaxScheme/TaxScheme/TaxTypeCode		G2.13
Supplier. Exemption	AccountingSupplierParty/Party/PartyTaxScheme/ExemptionReason		P1.08 G8.15
Supplier. Commercial address line	AccountingSupplierParty/Party/PostalAddress/AddressLine/Line		G2.15

Generic data	Block / Tag	Syntactic rules	Generic rules
Supplier. Commercial postal code	AccountingSupplierParty/Party/PostalAddress/PostalZone		
Supplier. Commercial city	AccountingSupplierParty/Party/PostalAddress/CityName		
Supplier. Commercial country code	AccountingSupplierParty/Party/PostalAddress/Country/IdentificationCode		G2.01 G2.03
Supplier. Legal address	AccountingSupplierParty/Party/PartyLegalEntity/RegistrationAddress/AddressLine/Line		G2.15
Supplier. Legal postal code	ccountingSupplierParty/Party/PartyLegalEntity/RegistrationAddress/PostalZone		
Supplier. Legal city	AccountingSupplierParty/Party/PartyLegalEntity/RegistrationAddress/CityName		
Supplier. Service code			G2.19
Supplier. Service name	AccountingSupplierParty/Party/Contact/Name		G2.21
Supplier. Telephone contact	AccountingSupplierParty/Party/Contact/Telephone		
Supplier. Fax contact	AccountingSupplierParty/Party/Contact/Telefax		
Supplier. Contact email	AccountingSupplierParty/Party/Contact/ElectronicMail		
Debtor			
Debtor. Identifier	AccountingCustomerParty/ Party/ PartyIdentification/ ID		G2.14 G2.16 G8.12
Debtor. Service name	AccountingCustomerParty/Party/PartyName/Name		G2.17 G2.18 G2.19 G2.20 G2.21 G2.29G8.37
Debtor. Service code	AccountingCustomerParty/ AccountingContact/ ID		
Debtor.Address line of the district	Invoice/ AccountingCustomerParty/Party/PostalAddress/AddressLine/Line		
Debtor.Postal code of the district	AccountingCustomerParty/Party/PostalAddress/PostalZone		
Debtor.City of the district	AccountingCustomerParty/Party/PostalAddress/CityName		
Debtor.Country code of the district	AccountingCustomerParty/Party/PostalAddress/Country/IdentificationCode		G2.01 G2.03

Generic data	Block / Tag	Syntactic rules	Generic rules
Debtor.VAT identifier	AccountingCustomerParty/Party/PartyTaxScheme/CompanyID		
Debtor.VAT identifier (attribute)	AccountingCustomerParty/Party/PartyTaxScheme/CompanyID[@SchemeName(attribut)]		
Debtor.Telephone contact	AccountingCustomerParty/AccountingContact/Telephone		
Debtor.Contact email	AccountingCustomerParty/AccountingContact/ElectronicMail		
Debtor. Jurisdiction identifier	Delivery/DeliveryLocation/ID		G8.07 G8.08
Debtor.Jurisdiction name	Delivery/DeliveryLocation/Description		
Debtor.Address line of the jurisdiction	Delivery/DeliveryLocation/Address/AddressLine/Line		G8.07
Debtor.Postal code of the jurisdiction	Delivery/DeliveryLocation /Address/PostalZone		G8.07
Debtor.City of the jurisdiction	Delivery/DeliveryLocation /Address/CityName		G8.07
Debtor.Country code of the jurisdiction	Delivery/DeliveryLocation /Address/AddressCountry/IdentificationCode		G8.07
Line			
Line. Service number in the memorandum	InvoiceLine/ID		G6.01
Line. Case number	InvoiceLine/Note		G8.41
Line. Quantity	InvoiceLine/InvoicedQuantity		P1.03
Line. Quantity X rate	InvoiceLine/LineExtensionAmount		G8.48
Line. Commitment number	InvoiceLine/DocumentReference/ID		G3.01 G8.14 G8.49
Line. Amount Excluding Taxes	InvoiceLine/TaxTotal/TaxSubTotal/TaxableAmount		G8.48
Line. VAT Amount	InvoiceLine/TaxTotal/TaxAmount		G8.48
Line.VAT amount	InvoiceLine/TaxTotal/TaxSubTotal/TaxAmount		G8.48
Line. VAT Rate	InvoiceLine/Item/ClassifiedTaxCategory/Percent		
Line.VAT Code	InvoiceLine/TaxTotal/TaxSubTotal/TaxCategory/TaxScheme/TaxTypeCode		G8.29

Generic data	Block / Tag	Syntactic rules	Generic rules
Line. Type of service (code)	InvoiceLine/Item/Description		G8.27 G8.14 G8.09
Line. Type of service (description)	InvoiceLine/Item/Name		
Line. Service rate	InvoiceLine/Price/PriceAmount		G8.48
Line. Invoiced quantity	InvoiceLine/Price/BaseQuantity		G8.28 G8.42
Line. Requisition date	InvoiceLine/DeliveryTerms/DeliveryLocation/ValidityPeriod/StartDate		G1.09 G8.32 G8.46
Line. Date of the service	InvoiceLine/DeliveryTerms/DeliveryLocation/ValidityPeriod/EndDate		G1.09 G8.33
Line. Requesting authority (code)	InvoiceLine/DeliveryTerms/DeliveryLocation/ID		G8.11 G8.12
Line. Requesting authority (name)	InvoiceLine/DeliveryTerms/DeliveryLocation/Description		G8.11
Line.Free of charge indicator	InvoiceLine/FreeOfChargeIndicator		G8.26
Line – Charge indicator			
Line.Charge indicator	InvoiceLine/AllowanceCharge/ChargeIndicator		G8.13 G1.31
Line.Charge reason	InvoiceLine/AllowanceCharge/AllowanceChargeReason		G8.13 G8.43
Line.Charge amount	InvoiceLine/AllowanceCharge/Amount		G8.13 G8.48
Payment			
Payment. Due Date	PaymentMeans/PaymentDueDate		G1.09
Payment. Payment Means	PaymentMeans/PaymentMeansCode		G8.20
Payment.Payment Means - List ID	PaymentMeans/ PaymentMeansCode[@listId(attribut)]		G8.21
Payment.Payment means - ListAgencyID	PaymentMeans/ PaymentMeansCode[@ListAgencyID(attribut)]		G8.22

Generic data	Block / Tag	Syntactic rules	Generic rules
Payment.Payment means - ListAgencyName	PaymentMeans/ PaymentMeansCode[@ListAgencyName(attribut)]		G8.23
Payment.Payment means - ListName	PaymentMeans/ PaymentMeansCode[@ListName(attribut)]		G8.24
Payment. Bank reference type	PaymentMeans/ PaymentChannelCode		G1.16 G1.17 G1.21
Payment. Bank account ID	PaymentMeans/ PayeeFinancialAccount/ ID	S1.05	G1.17 G1.18 G1.21 G8.40
Payment. Bank agency identifier	PaymentMeans/ PayeeFinancialAccount/ FinancialInstitutionBranch/ ID		G1.17 G1.19 G1.20 G1.21
Attachment			
Attachment. Attachment type	AdditionalDocumentReference/DocumentType		G8.16 G8.02
Attachment. Attachment name	AdditionalDocumentReference/ID		G4.13 G8.17 G8.18
Attachment. Attachment format	AdditionalDocumentReference/ DocumentTypeCode		G4.02 G4.03
Attachment. Content	AdditionalDocumentReference/Attachement/embeddedDocumentBinaryObject		G4.04 G4.07 G4.08

8.5 Invoice life cycle flow

Two syntactic formats are used:
- AIFE_Statut format
- CPP_Statut format

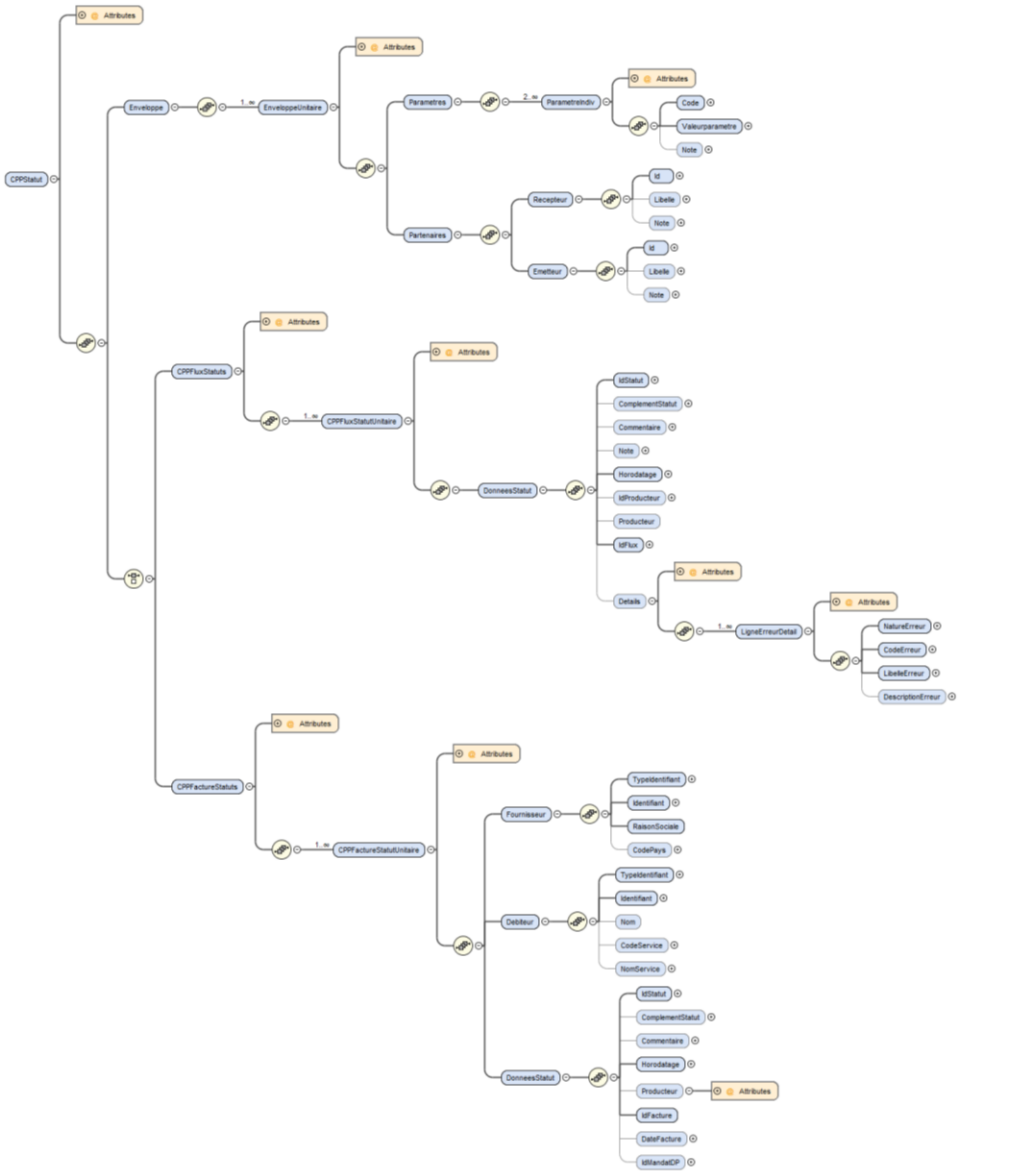
It is up to the supplier to choose the format of lifecycle flows they will receive.

8.5.1 CPPStatut Format

This format is published by the AIFE. It is offered to all issuers of invoices. If private suppliers connected in EDI can request to receive the life cycle data in the AIFE_Statut format, the use of Chorus ProStatut format is preferred.
The XSD schema of this format is available as an appendix to the external specifications of Chorus Pro.

CPPStatutPivot_V1_19.xsd

This file can be opened from an XSD editor to display the tree structure as shown in the image below:



Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.

The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules
- an additional rule to apply to a tag or a set of tags

The interface identifier of Chorus Pro Status format is “FEN1200A” (Cf. Chapter 5.7).

The root block is "CPPStatut/"

8.5.1.1 CPPStatut Format – envelope syntax

Generic data	Block / Tag	Syntactic rules	Generic rules
Unit envelope	Enveloppe / EnveloppeUnitaire		
Unit envelope			
Parameters	Enveloppe / EnveloppeUnitaire/ Paramètres		
Parameters			
Parameters. Individual parameter	Enveloppe / EnveloppeUnitaire/Parametres/ParametreIndiv		G7.01
Individual parameter			
IndivParameter. Parameter value	Enveloppe / EnveloppeUnitaire/Parametres/ ParametreIndiv/Valeurparametre/code		G7.01
IndivParameter. Note	Enveloppe / EnveloppeUnitaire/Parametres/ ParametreIndiv/Valeurparametre/note		P1.08
IndivParameter. Order number	Enveloppe / EnveloppeUnitaire/Parametres/ ParametreIndiv/Valeurparametre/NumOrdre		
Unit envelope			
Partners	Enveloppe /Partenaires		
Partners			
Partners. Recipient	Enveloppe /Partenaires/Récepteur		
Partners. Issuer	Enveloppe /Partenaires/Emetteur		
Recipient			
Recipient. Identifier	Enveloppe /Partenaires/Recepteur/Id	S5.03	
Recipient. Name	Enveloppe /Partenaires/Recepteur/Libelle		P1.08
Recipient. Note	Enveloppe /Partenaires/Recepteur/Note		P1.08
Issuer			
Issuer. Identifier	Enveloppe /Partenaires/Emetteur/Id	S5.03	
Issuer. Name	Enveloppe /Partenaires/Emetteur/Libelle		P1.08

Generic data	Block / Tag	Syntactic rules	Generic rules
Issuer. Note	Enveloppe /Partenaires/Emetteur/Note		P1.08

8.5.1.2 CPPStatut Format – data syntax

Generic data	Block / Tag	Syntactic rules	Generic rules
CPP Status			
CPPStatut. CPPflow statuses	CPPFluxStatuts		G5.07
CPPStatut. CPP Invoice Statuses	CPPFactureStatuts		G5.07
CPP Flow Statuses			
CPPFlowStatuses. Unit flow status	CPPFluxStatuts / FluxStatutUnitaire		
CPP Flow Unit Status			
Unit flow status. Order number	CPPFluxStatuts / FluxStatutUnitaire / NumOrdre		
Unit Flow Status. Status Data	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut		
Status data			
StatusData. Status code	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / IdStatut		G5.03
StatusData. Status Supplement	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / complementStatut		G5.06
StatusData. Comment	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / Commentaire		
StatusData. Note	CPPFluxStatuts / Fluxstatutunitaire / DonneesStatut / Note		G1.26
StatusData. Time stamp	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / Horodatage		G1.25
StatusData. Producer	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / Producteur		
StatusData. Producer identifier	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / IdProducteur	S5.03	

Generic data	Block / Tag	Syntactic rules	Generic rules
StatusData. Flow identifier	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut/ IdFlux		
StatusData. Detail	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / Detail		
Detail			
Detail. Error line	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / Details / LigneErreurDetail		
Detail. Number of error lines	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut/ Details / NbLignesErreur		
Error line detail			
Error line detail. Line identifier	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / Details/ LigneErreurDetail / IdLigne		
Error line detail Nature of the error	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / Details / LigneErreurDetail / NatureErreur		
Error line detail. Error code	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / Details / LigneErreurDetail / CodeErreur		
Error line detail Error description	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / Details/ LigneErreurDetail / LibelleErreur		
Error line detail Description of the error	CPPFluxStatuts / FluxStatutUnitaire / DonneesStatut / Details / LigneErreurDetail / DescriptionErreur		P1.08
CPP Invoice Statuses			
CPP Invoice Statuses. CPP Unit Invoice Status	CPPFactureStatuts/CPPFactureStatutUnitaire		

Generic data	Block / Tag	Syntactic rules	Generic rules
CPP Unit Invoice Status			
CPP Unit Invoice Status. Supplier	CPPFactureStatuts / CPPFactureStatutUnitaire / Fournisseur		
CPP Unit Invoice Status. Debtor	CPPFactureStatuts / CPPFactureStatutUnitaire / Debiteur		
CPP Unit Invoice Status. Status data	CPPFactureStatuts / CPPFactureStatutUnitaire / DonneesStatut		
CPP Unit Invoice Status. Order number	CPPFactureStatuts / CPPFactureStatutUnitaire / NumOrdre		
Supplier			
Supplier. Country Code	CPPFactureStatuts / CPPFactureStatutUnitaire / Fournisseur / CodePays		G2.01 G2.02 G2.03
Supplier. Identifier type	CPPFactureStatuts / CPPFactureStatutUnitaire / Fournisseur / TypeIdentifiant		G2.04
Supplier. Identifier	CPPFactureStatuts/CPPFactureStatutUnitaire / Fournisseur / Identifiant		G2.06 G2.07 G2.08 G2.14
Supplier. Corporate name	CPPFactureStatuts/CPPFactureStatutUnitaire / Fournisseur / RaisonSociale		G2.09
Debtor			
Debtor. Identifier type	CPPFactureStatuts/CPPFactureStatutUnitaire / Debiteur / TypeIdentifiant		G2.16
Debtor. Identifier	CPPFactureStatuts /CPPFactureStatutUnitaire / Debiteur / Identifiant		G2.06 G2.07 G2.08 G2.14
Debtor. Name (corporate name)	CPPFactureStatuts / CPPFactureStatutUnitaire / Debiteur / Nom		G2.09
Debtor. Service code	CPPFactureStatuts / CPPFactureStatutUnitaire / Debiteur / CodeService		G2.18 G2.19 G2.29
Debtor. Service name	CPPFactureStatuts / CPPFactureStatutUnitaire / Debiteur / nomService		G2.21
Status data			

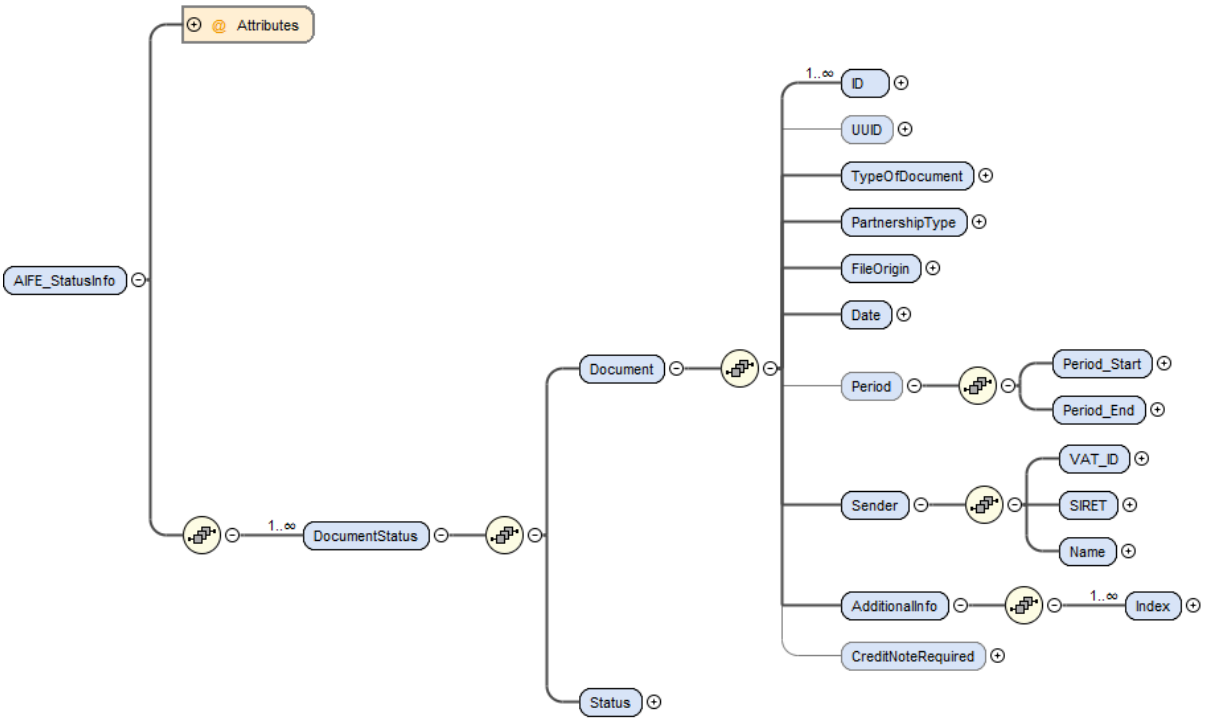
Generic data	Block / Tag	Syntactic rules	Generic rules
Status Data. Status code	CPPFactureStatuts / CPPFactureStatutUnitaire / DonneesStatut / IdStatut		G5.01
Status Data. Status supplement	CPPFactureStatuts / CPPFactureStatutUnitaire / DonneesStatut / complementStatut		G5.06
Status Data. Comment	CPPFactureStatuts / CPPFactureStatutUnitaire / DonneesStatut / Commentaire		
Status Data. Time stamp	CPPFactureStatuts/CPPFactureStatutUnitaire/ DonneesStatut / Horodatage		G1.25
Status Data. Producer	CPPFactureStatuts/CPPFactureStatutUnitaire / DonneesStatut / Producteur / Id		G5.05
Status Data. Invoice Identifier	CPPFactureStatuts/CPPFactureStatutUnitaire / DonneesStatut / IdFacture		G1.05 G1.06
Status Data. Invoice date	CPPFactureStatuts / CPPFactureStatutUnitaire / DonneesStatut / dateFacture		G1.09
Status Data. Mandate/Validated payment identifier	CPPFactureStatuts / CPPFactureStatutUnitaire / DonneesStatut / IdMandatDP		

8.5.2 AIFE_Statut Format

This format is published by Docapost under the Chorus factures solution. It is offered to private suppliers who are already connected to Chorus factures and who wish to benefit from backward compatibility between Chorus Pro and Chorus factures. This format does not allow the provision of "flow" type statuses.

The XSD schema of this format is available as an appendix to the external specifications of Chorus Pro.

This file can be opened from an XSD editor to display the tree structure as shown in the image below:



The tags in this table are located under the AIFE_StatusInfo root tag of an XML document conforming to these standards.

Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.
The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules
- an additional rule to apply to a tag or a set of tags

The interface identifier of the AIFE Status format is "FEN1201A" (Cf. Chapter 5.7).

The root block is "/FEN1201A".

Generic data	Block / Tag	Syntactic rules	Generic rules
Supplier			
Supplier. SIRET	DocumentStatus/ Document/Sender/SIRET		G2.06 G2.07 G2.08 G2.14
Supplier. SIREN	DocumentStatus/ Document/Sender/SIREN		
Supplier. Intracommunity VAT	DocumentStatus/ Document/Sender/VATID		
Supplier. Name	DocumentStatus/ Document/ Sender/ Name		G2.09
Debtor			
Debtor. Identifier	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME = SIREN DU DESTINATAIRE]		G2.04 G2.07 G2.14 G2.16
Debtor. Name	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME = NOM DU DESTINATAIRE]		G2.09
Debtor. Service code	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME = SERVICE EXECUTANT]		G2.18 G2.19 G2.29
Debtor. Service name	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME =LIBELLE DU SERVICE EXECUTANT]		G2.21
Debtor. Amount Excluding Taxes	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME =MONTANT TOTAL NET HT]		
Debtor. Total Amount Including Taxes	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME =MONTANT TOTAL TTC]		
Debtor. Commitment	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME =ENGAGEMENT JURIDIQUE]		

Generic data	Block / Tag	Syntactic rules	Generic rules
Debtor. Batch number	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME =NUMERO DE LOT]		
Debtor. Date of receipt	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME =DATE DE RECEPTION]		G1.09
Debtor. Protocol	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME =PROTOCOLE]		
Debtor. Originator	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME =ORIGINATOR		
Debtor. Reference number of the invoice	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME =NUM FACTURE REF]		
Debtor. Sandbox	DocumentStatus/ Document/ AdditionalInfo / Index[Attribut:NAME =SANDBOX]		
Status			
Status. Status code	DocumentStatus/ Document / Status/ Code		G5.01
Status. Time stamp	DocumentStatus/ Document / Status/ Date		G1.25
Status. Heading	DocumentStatus/ Document / Status/ note		
Status. Issue date of the invoice	DocumentStatus/Document/Date		
Invoice Identifier			
Invoice. Issuer Identifier	DocumentStatus/ Document/ID With DocumentStatus/ Document/ID [@Type]=NUMERO DE DOCUMENT		G1.05 G1.06
Others			
Others. Unique Identification Number of the Document	DocumentStatus/Document/UUID		
Status. Type of document	DocumentStatus/Document/TypeOfDocument		
Status. Type of issuance	DocumentStatus/Document/PartnershipType		
Status. Original invoice	DocumentStatus/Document/FileOrigin		
Status. Start of period	DocumentStatus/Document/Period/Period_start		G1.09
Status. End of period	DocumentStatus/Document/Period/Period_end		G1.09
Status. CreditNoteRequired(YES/NO)	DocumentStatus/Document/Period/CreditNoteRequired		

The following tags are referenced in the AIFE_Statut semantic description but are not referenced in the semantic format:

- Supplier:RIDET, SIREN, VAT_ID.
- Debtor:Amount Excluding Taxes, Total Amount Including Taxes, Commitment, Batch number, Reception Date, Protocol, Originator, Reference Invoice Number, Sandbox)

- Others:all of the referenced tags
- These tags will be designated a constant data value or will not be valued.

The following semantic data referenced in the Life cycle flow do not apply in the AIFE_STATUT format:

- Supplier:Country code, identifier type.
- Debtor:Identifier Type, Name (Corporate name)
- Status Data:Type, Description Supplement, Producer Identifier, Recipient Invoice Identifier (ref. Mandate/Validated payment).

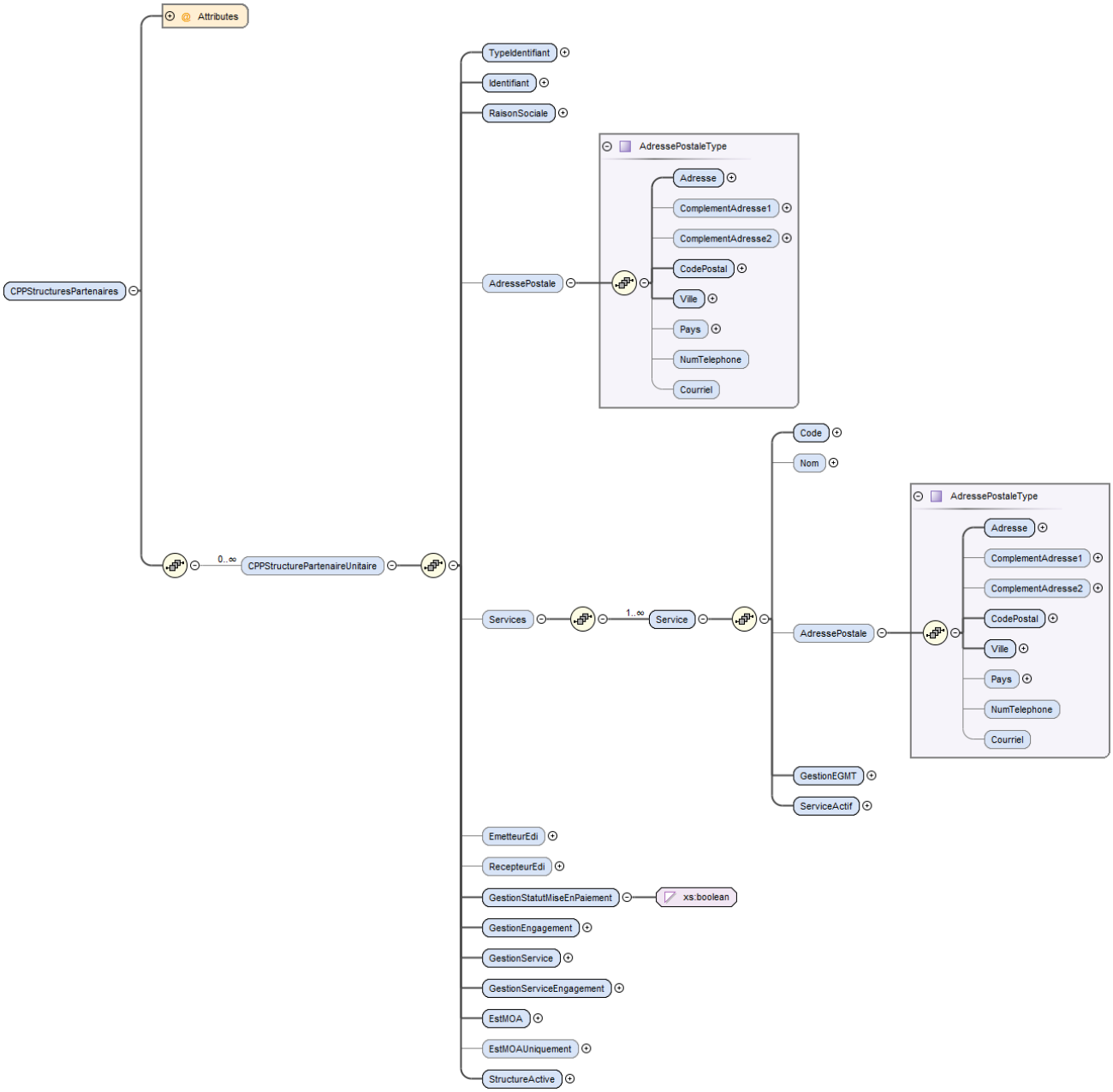
8.6 Directory flow FAR37

The exchange standard used for this format is a format proposed by the AIFE.

The XSD schema of this format is available as an appendix to the external specifications of Chorus Pro.

CPP_FAR00237_V0_06.xsd

This file can be opened from an XSD editor to display the tree structure as shown in the image below:



Each tag presented and associated with generic data adheres to the cardinality and generic rules associated with such data.

The syntactic rules associated with the tags may include:

- a restriction of the allowed value in the generic rules,
- an additional rule to apply to a tag or a set of tags.

The interface identifier of the Mixed CPP format is “FAR0037” (Cf. Chapter 5.7)

The root block is "/CPPStructuresPartenaires"

Generic data	Block / Tag	Syntactic rules	Generic rules
Unit structure	CPPStructurePartenaireUnitaire		
Unit structure. General information			
General information. Identifier type	CPPStructurePartenaireUnitaire/TypeIdentifiant		
General information. Identifier	CPPStructurePartenaireUnitaire/Identifiant		
General information. Name (corporate name)	CPPStructurePartenaireUnitaire/RaisonSociale		G9.05
General information. EDI sender	CPPStructurePartenaireUnitaire/ EmetteurEDI		
General information. EDI receiver	CPPStructurePartenaireUnitaire/ RecepteurEDI		
General information. Support of the statut « Mise en paiement »	CPPStructurePartenaireUnitaire/GestionStatutMiseEnPaiement		G9.01
General information. Mandatory commitment number	CPPStructurePartenaireUnitaire/GestionEngagement		G9.02
General information. Mandatory service	CPPStructurePartenaireUnitaire/GestionService		G9.02
General information. Mandatoru Commitment number or service	CPPStructurePartenaireUnitaire/GestionServiceEngagement		G9.02
General information. Authorised representative	CPPStructurePartenaireUnitaire/EstMOA		G9.03
General information. Authorised representative only	CPPStructurePartenaireUnitaire/EstMOAUniquement		G9.03
General information. Active structure	CPPStructurePartenaireUnitaire/StructureActive		G9.04
Unit structure. Legal address			
Legal address. Legal address line type	CPPStructurePartenaireUnitaire/AdressePostale @AdressePostaleType		

Generic data	Block / Tag	Syntactic rules	Generic rules
Legal address. Legal address line	CPPStructurePartenaireUnitaire/AdressePostale/Adresse +CPPStructurePartenaireUnitaire/AdressePostale/ComplementAdresse1 +CPPStructurePartenaireUnitaire/AdressePostale/ComplementAdresse2		G2.15
Legal address. Legal postal code	CPPStructurePartenaireUnitaire/AdressePostale/CodePostal		
Legal address. Legal city name	CPPStructurePartenaireUnitaire/AdressePostale/Ville		
Legal address. Legal country code	CPPStructurePartenaireUnitaire/AdressePostale/Pays		
Legal address. Telephone contact	CPPStructurePartenaireUnitaire/AdressePostale/NumTelephone		
Legal address. Contact email	CPPStructurePartenaireUnitaire/AdressePostale/Courriel		
Legal address. Country			
Country. Country code	CPPStructurePartenaireUnitaire/AdressePostale/Pays/Code		G2.01 G2.02 G2.03
Country. Country	CPPStructurePartenaireUnitaire/AdressePostale/Pays/Libelle		
Unit structure. Services			
Services. Unit Service	CPPStructurePartenaireUnitaire/Services/Service		
Services. Unit Service			
Unit Service. Service code	CPPStructurePartenaireUnitaire/Services/Service/Code		G2.17 G2.18 G2.19 G2.29
Unit Service. Service name	CPPStructurePartenaireUnitaire/Services/Service/Nom		
Unit Service. Mandatory Commitment number	CPPStructurePartenaireUnitaire/Services/Service/GestionEGMT		G9.02
Unit Service. Active service	CPPStructurePartenaireUnitaire/Services/Service/ServiceActif		G9.04
Unit service. Legal adress			
Legal address. Legal address line	CPPStructurePartenaireUnitaire/AdressePostale/Adresse +CPPStructurePartenaireUnitaire/AdressePostale/ComplementAdresse1 +CPPStructurePartenaireUnitaire/AdressePostale/ComplementAdresse2		

Generic data	Block / Tag	Syntactic rules	Generic rules
Legal address. Legal postal code	CPPStructurePartenaireUnitaire/AdressePostale/CodePostal		
Legal address. Legal city name	CPPStructurePartenaireUnitaire/AdressePostale/Ville		
Legal address. Legal country code	CPPStructurePartenaireUnitaire/AdressePostale/Pays		
Legal adress. Telephone contact	CPPStructurePartenaireUnitaire/AdressePostale/NumTelephone		
Legal adress. Contact email	CPPStructurePartenaireUnitaire/AdressePostale/Courriel		
Unit service. Legal address. Country			
Country. Country code	CPPStructurePartenaireUnitaire/AdressePostale/Pays/Code		G2.01 G2.02 G2.03
Country. Country	CPPStructurePartenaireUnitaire/AdressePostale/Pays/Libelle		

9 MANAGEMENT RULES APPLICABLE TO THE DATA ASSOCIATED WITH THE SYNTACTIC FORMATS

9.1 Management rules applicable to the UBL syntactic formats

Id.	Title	Description	Nature
S1.01	Description of the Invoicing Period	The rules for the consideration of the invoice period are: ▪ If the Start Date and End Date are indicated, they allow the placement of a description = "Billing Period from <startDate> to <endDate>" ▪ otherwise, the value of the Description data is taken into account	Restitution
S1.03	Format of the Delivery Unit	The Delivery Unit is a text area.	Format
S1.04	Type of Invoice authorised	One of the following: - 380, 382, 383, 384, 385 and 386:invoice - 381:credit note	Codification
S1.05	List of Payment means possible values	One of the following: - 01 Instrument not defined (corresponds to the generic data "Autres") - 10 Cash (corresponds to the generic data "Espèce") - 20 Check (corresponds to the generic data "Chèque") - 30 Credit Transfer (corresponds to the generic data "Virement") - 31 Debit transfer (corresponds to the generic data "Virement") - 42 Payment to Bank account (corresponds to the generic data "Virement") - 48 Bank Card (corresponds to the generic data "Prélèvement") - 49 Direct Debit (corresponds to the generic data "Prélèvement") - 97 Clearing between partners (corresponds to the generic data "Report")	Codification
S1.06	Attachment name	The name of the attachments must begin with the type of attachments. The formalism is: • For a main attachment:PJP_Name of the attachment • For an additional attachment:PJC_Name of the attachment *Management rule only valid for the flow format UBL Invoice FEN 105*	Codification

Id.	Title	Description	Nature
S1.07	Invoicing framework	The invoicing framework is indicated as such: <cec:UBLExtensions> <cec:UBLExtension> <cec:ExtensionContent> <CategoryCode>XX</CategoryCode> Where "XX" must be replaced by one of the possible values listed in the rule G1.02	Format
S1.08	Authorized attachment type	To be choose among: • "01":main attachment • "02":additional attachment	Codification
S1.09	VAT Type	The authorized values are following: • "TVA DEBIT" • "TVA ENCAISSEMENT"	Codification
S1.10	Debtor service code	If the debtor service code does not match a service of the indicated SIRET identifier, then: • If the debtor service code belongs to the French State structure, Chorus Pro integrates the payment request, which is sent to the associated service of the French State structure. The report of integration indicates the SIRET identifier of the French State; • If the debtor service code does not belong to the French State structure, the payment request is rejected because of absent recipient.	Codification

9.2 Management rules applicable to the CII syntactic formats

Id.	Title	Description	Nature
S2.01	Description of the Invoicing Period	The rules for the consideration of the invoicing period are: ▪ if the Start Date and End Date are indicated, they allow the placement of a description = 'Billing Period from <startDate> to <endDate>; ▪ otherwise, the value of the Description data is taken into account.	Restitution
S2.04	Type of authorised invoice	One of the following: - 380, 382, 383, 384, 385 and 386:invoice; - 381: credit note. *The CII 16B and Factur-X types also allow to fill the following codes:* • *389: invoice;* • *261: credit note.*	Codification
S2.05	List of possible values for payment means	One of the following: - 01 Instrument not defined (corresponds to the generic data "Autres") - 10 Cash (corresponds to the generic data "Espèce") - 20 Check (corresponds to the generic data "Chèque") - 30 Credit Transfer (corresponds to the generic data "Virement") - 31 Debit transfer (corresponds to the generic data "Virement") - 42 Payment to Bank account (corresponds to the generic data "Virement") - 48 Bank Card (corresponds to the generic data "Prélèvement") - 49 Direct Debit (corresponds to the generic data "Prélèvement") - 58 Virement SEPA (corresponds to the generic data “Virement”) - 59 Prélèvement SEPA (corresponds to the generic data “Prélèvement”) - 97 Clearing between partners (corresponds to the generic data "Report") *The values 58 and 59 are only allowed with CII 16B and Factur-X formats.*	Codification
S2.06	VAT regime	The authorized values for the VAT regime are as follows: • For CII 14B and FEN135 formats: ○ « ENC » (Cashing) [Encaissement] ○ « DEB » (Flow) [Débit] • For CII 16B and Factur-X formats: ○ “5” (Flow with payability of the tax at the issue date of the invoice); ○ “29” (Flow with payability of the tax at the delivery); ○ “72” (Cashing)	Codification
S2.09	Attachment type	The attachment type is to be specified only for main attachments. The attachment type should be ZZZ. *This rule only applies to 14B, 16B and Factur-X formats.*	Codification
S2.10	Authorised type of bank reference	Only the “IBAN” value may be indicated. *This rule only applies to 14B, 16B and Factur-X formats.*	Codification

Id.	Title	Description	Nature
S2.11	Line - Charge/rebate. Base Amount	The field must be filled if a charge or an allowance is applied in the invoice line. *This rule only applies to CII16B format.*	Codification
S2.12	Date	All date tags have the following format: YYYYMMDD. *This rule only applies to 16B and Factur-X formats.*	Codification
S2.13	Identifier type	The valid identifier type codes are defined by the ISO6523 list. For a SIRET identifier, the code is "0002". *This rule only applies to 16B and Factur-X formats.*	Codification
S2.14	Amount format	The amounts are composed by a 19-character number, and it is not allowed to use more than two decimals. The decimals are separated from the others characters by ".". *This rule only applies to 16B and Factur-X formats.*	Format
S2.15	Reason of charge code	The valid codes are defined by the UNTDID 7161 list, whose access is following: https://www.unece.org/fileadmin/DAM/trade/untdid/d16b/tred/tred7161.htm *This rule only applies to 16B and Factur-X formats.*	Codification
S2.16	Tax Amount	The XSD pattern of CII 16B requires filling VAT summary; however, the tags can remain empty. *This rule only applies to 16B and Factur-X formats.*	Codification
S2.17	Tax type code	The VAT category code are following (UNTDID 5305 list): • S = Standard VAT rate; • E = VAT exempted; • AE = VAT reverse charge; • K = reverse charge because of intracommunity delivery; • G = VAT exempted because of extra-EU export; • O = Out of applicable VAT regime; • L = Canary Islands; • M = Ceuta and Mellila. *This rule only applies to 16B and Factur-X formats.*	Codification
S2.19	Debtor service code	If the debtor service code does not match a service of the indicated SIRET identifier, then: • If the debtor service code belongs to the French State structure, Chorus Pro integrates the payment request, which is sent to the associated service of the French State structure. The report of integration indicates the SIRET identifier of the French State; • If the debtor service code does not belong to the French State structure, the payment request is rejected because of absent recipient.	Codification

Id.	Title	Description	Nature
S2.20	Factur-X profile	The Factur-X profile field is required and must be filled by one of the following values: • Minimum: urn:factur-x.eu:1p0:minimum • BASIC_WL: urn:factur-x.eu:1p0:basicwl • BASIC: urn:cen.eu:en16931:compliant:factur-x.eu:1p0:basic • EN 16931: urn:cen.eu:en16931 • EXTENDED: urn:cen.eu:en16931:conformant:factur-x.eu:1p0:extended	Codification

9.3 Management rules applicable to the syntactic format PES_Factures

Id.	Title	Description	Nature
S3.01	Format of the supplier and debtor identifier	Up to 15 alphanumeric characters	Format
S3.02	Name format	38 char. text	Format
S3.03	Valuation of the Names	If the Salutation is not empty or the First Name is not empty or the Other Name is not empty, then: Supplier (or debtor) Name = Salutation + ‘ ‘+ ‘First Name + ‘ ‘ + Last Name + ‘ ‘ + Other Name otherwise, Supplier (or debtor) Name = Name.	Supply
S3.04	Format of the service identifier	100 char. text	Format
S3.05	Format of the Name of the Service	100 char. text	Format
S3.06	Date format	All of the dates in PES are expressed in the following manner:YYYY-MM-DD	Format
S3.08	Format of a VAT rate	a VAT rate in PES is an unmarked decimal number up to 2 decimals and limited to 999.99	Format
S3.09	List of values for Invoice type	Within the PES facture block, the PES invoice types correspond to the following rules: - the invoice type "01 FACTURE" of PES corresponds to the "Facture" type in Chorus Pro, - the invoice type "09 ASAP" of PES corresponds to the "Facture" type in Chorus Pro, - the invoice type "03 AVOIR" of PES corresponds to the "Avoir" type in Chorus Pro.	Codification
S3.10	Amount to pay	In the case of PES-type invoices, the tag "Amount to pay" is filled in in the pivot flow by the information in the "Total amount including taxes" tag	Codification

Id.	Title	Description	Nature
S3.11	List of values for Attachment Type	Within the Attachment block, the PES attachment types correspond to the following rules: - When the type "006" (PES_Factures) is indicated, the attachment will be considered the original invoice (equivalent to the "001 Facture" in Chorus Pro, - in the other cases listed below, the attachment will be considered as a supplementary document (equivalent to the type "002 PJ Autres"): - 001 Document Budgétaire [Budgetary Document]; - 002 Recette [Receipt]; - 003 Dépense [Expenditure]; - 004 Etat de Paye [Payment Status]; - 005 Etat d'Aide sociale [Social Support Status];	Codification
S3.12	List of values for the Payment Means	The accepted values are the following: - 01 Numéraire [Cash] (corresponds to the generic data "Espèce") - 02:Chèque [Check] (corresponds to the generic data "Chèque") - 03:Virement [Bank transfer] (corresponds to the generic data "Virement") - 10:Prélèvement [Debit] (corresponds to the generic data "Prélèvement") - 09:Autres [Others] (corresponds to the generic data "Autre") - 12:Titre interbancaire de paiement (TIP) [Interbank Payment Title] (corresponds to the generic data "Chèque") - 14 - Prélèvement par carte bancaire [Debit by bank card] (corresponds to the generic data "Prélèvement")	Codification
S3.13	Country code	The country code must comply with the INSEE format. A transcodification will be applied when constituting the pivot flow so as to adapt it to the ISO 3166 format (alpha-2 standard).	Codification

9.4 Management rules applicable to the syntactic format of the PES_DépenseAller flow

From the perspective of the production of the PES_DepenseAller flow, the local authorities must supply certain syntactic data in the PES_DépenseAller format from data in Chorus Pro Pivot Invoice format that they receive from Chorus Pro. The management rules below present the correlation between the two formats in order to, in particular, allow the submission of life cycle data from HELIOS to Chorus Pro.
These rules are presented for informational purposes. They complete but do not substitute supply management rules applicable to a PES_DépenseAller flow by financial software.

Id.	Title	Description	Nature
S4.01	Invoice number	PES_Aller Dépense tag concerned:PES_DepenseAller /Bordereau/Piece/LigneDePiece/BlocLignePiece/ InfoLignePce/Facture is supplied by:CPPFacturePivotUnitaire / DonneesFacture / IdentificationFacture / numeroFacture	Codification
S4.02	Amount Excluding Taxes	PES_Aller Dépense tag concerned:Bordereau / Piece / LignedePiece / BlocLignePiece / InfoLignePce/ MtHT is supplied by:CPPFacturePivotUnitaire / DonneesFacture / Montants / montantHT NB:The correlation between the invoice amounts and the mandate line amounts is valid only in case of invoices concerning the same budget	Codification
S4.03	Payment Means	PES_Aller Dépense tag concerned:Bordereau / Piece / LignedePiece / BlocLignePiece / InfoLignePce/ModRegl is supplied by:CPPFacturePivotUnitaire / DonneesFacture / modePaiement/Code	Codification
S4.04	Country code of the Supplier	PES_Aller Dépense tag concerned:Bordereau / Piece / LignedePiece / Tiers / Addresse / CodPays is supplied by:CPPFacturePivotUnitaire / Fournisseur / CodePays NB:transcoding is required between the input value in the ISO 3166 format (alpha-2 format) and the output value in the INSEE format. A correlation table is kept updated by INSEE.	Codification
S4.05	Supplier identifier type	PES_Aller Dépense tag concerned:Bordereau/Piece/LigneDePiece/Tiers/InfoTiers/NatIdTiers is supplied by:CPPFacturePivotUnitaire / Fournisseur / TypeIdentifiant	Codification
S4.06	Supplier ID	PES_Aller Dépense tag concerned:Bordereau / Piece / LignedePiece / Tiers / InfoTiers / IdTiers is supplied by:CPPFacturePivotUnitaire / Fournisseur / Id[8]	Codification

[8] The tag entitled "Bordereau / Piece / LignedePiece / Tiers / InfoTiers / IdTiers" is systematically filled with supplier ID, including for payments to a third payee or a factor.

Id.	Title	Description	Nature
S4.07	Debtor identifier	PES_Aller Dépense tag concerned:header of PES (SIRET of the authority) / IdColl is supplied by:CPPFacturePivotUnitaire / Debiteur / Id	Codification
S4.08	Service code of the debtor	PES_Aller Dépense tag concerned:*Waiting for the new version of the PESV2 specifications* is supplied by:CPPFacturePivotUnitaire / Debiteur / CodeService	Codification
S4.09	Supplier bank account identifier	PES_Aller Dépense tag concerned:Bordereau / Piece / LignedePiece / Tiers / Compte bancaire / Bic (or /IBAN) is supplied by:CPPFacturePivotUnitaire / Fournisseur / ReferenceBancaire /Compte	Codification
S4.10	Supplier banking institution identifier	PES_Aller Dépense tag concerned:Bordereau / Piece / LignedePiece / Tiers / Compte bancaire / LibBanc is supplied by:CPPFacturePivotUnitaire / Fournisseur / ReferenceBancaire /Etablissement	Codification
S4.11	Attachment Name	Aller Dépense tag concerned Bordereau / Piece / BlocPiece / PJRef / NomPJ	Codification

9.5 Management rules applicable to Chorus Pro syntactic formats:

These management rules are applicable to the following formats:

- CPPFacturePivot
- CPPFactureMixte
- CPPStatut

S5.01	List of possible values for Payment means	One of the following: - "01" Instrument not defined (corresponds to the generic data "Autres") - "10" Cash (corresponds to the generic data "Espèce") - "20" Check (corresponds to the generic data "Chèque") - "30" Credit Transfer (corresponds to the generic data "Virement") - "31" Debit transfer (corresponds to the generic data "Virement") - "42" Payment to Bank account (corresponds to the generic data "Virement") - "48" Bank Card (corresponds to the generic data "Prélèvement") - "49" Direct Debit (corresponds to the generic data "Prélèvement") - "97" Clearing between partners (corresponds to the generic data "Report") The value 01 is authorised only for Chorus ProFactureMixte format	Codification
S5.02	Type of authorised Invoice	One of the following: - 380:facture [invoice] - 381:avoir [credit note]	Codification
S5.03	Status producer and issuer identifier	Between 3 and 8 alphanumeric characters	Format
S5.04	Authorized attachment type	To be choose among: • "01":main attachment • "02":additional attachment	Codification

S5.05	Debtor service code	If the debtor service code does not match a service of the indicated SIRET identifier, then: • If the debtor service code belongs to the French State structure, Chorus Pro integrates the payment request, which is sent to the associated service of the French State structure. The report of integration indicates the SIRET identifier of the French State; • If the debtor service code does not belong to the French State structure, the payment request is rejected because of absent recipient.	Codification

10 FLOW NAMING RULES

The chapter here below presents naming rules for flows either emitted or received by suppliers directly attached to the Chorus Pro.

The order and format of elements presented here must be strictly followed.

10.1 Name format of flows sent by the supplier to Chorus Pro

A flow filename contains the following elements, each separated with an underscore ("_"):

- Interface identifier in 8 characters
- Emitter application code in 6 characters
- A flow number concatenating the following elements without any white space or other separators:
  - Emitter application code in 6 characters
  - Interface code in 4 characters
  - Incremental sequence number, as defined by the supplier, in 15 characters

This gives:
"Interface identifier" "emitter application code" "emitter application code" "interface code" "sequence number"

10.2 Name format of flows sent by Chorus Pro to the supplier

A flow filename contains the following elements, each separated with an underscore ("_"):

- Interface identifier in 8 characters
- Recipient application code in 6 characters
- A flow number concatenating the following elements without any white space or other separators:
  - Emitter application code in 6 characters
  - Interface code in 4 characters
  - Incremental sequence number, as defined by CHORUS PRO, in 15 characters

This gives:
"Interface identifier" "recipient application code" "emitter application code" "interface code" "sequence number"

10.3 Detailed elements

10.3.1 List of authorised codes and interfaces identifiers

Flow	Format	Interface code	Interface identifier
E1	UBL	FSO1100A	1100
E1	PES	FSO1102A	1102
E1	CII 16B	FSO1106A	1106
E2	UBL Invoice Minimal	FSO1110A	1110
E2	PES_FacturesMinimal	FSO1112A	1112
E2	CPPFactureMixte	FSO1113A	1113
E2	CII 16B Minimal	FSO1116A	1116

E2	Factur-X – PDF/A-3	FSO1117A	1117
E3	UBL Invoice Mémoire	FSO1120A	1120
R	CPPStatut	FEN1200A	1200
R	AIFE Statut	FEN1201A	1201
FAR37	Annuaire	FAR0037A	0037

10.3.2 Emitter or recipient application code

Once a supplier's attachment is validated, Chorus Pro support sends a unique application code in 6 alphanumeric characters. This application code is used for each flow transfer.

10.4 Flow filename example

Here below is an example of a first E1 invoice flow emitted in CII16B format by a company named ABCDEFGHI, whose emitter application code is XXX999 :

Interface code	FSO1106A
Emitter application code	XXX999
Sequence number	000000000000001
Result (flow name)	**FSO1106A_XXX999_ XXX9991106000000000000001**

11 PROCEDURES FOR COMPRESSING FLOWS

11.1 Compressing flows that are not XADES-signed

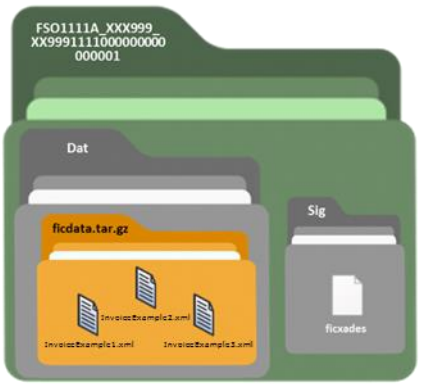
XML and PDF/A-3 files generated by users of the Chorus Pro must all be compressed into a "tar.gz" file before being submitted or transferred. A same "tar.gz" archive file may contain several XMLflows.
For users directly linked to Chorus Pro, such created archives must comply with naming rules described at chapter 5.7.1 of the present document.
The extension "tar.gz" must be deleted before submission or transfer onto Chorus Pro.

Example of an UBL Invoice correctly named flow nommé

11.2 Compressing XADES-signed flows

XML files generated by users of the Chorus Pro may be signed through a XADES signature protocol, before being compressed into a "tar.gz" format then submitted or transferred.
A unique "tar.gz" flow file containing XML files as well as the signature file must then be submitted or transferred onto Chorus Pro according to the following steps:

1. Compress files into a XML format in a "tar.gz" archive entitled 'ficdata'
2. Place the archive in a document named 'dat'
3. Rename the signature XML file as 'ficxades' and delete its extension
4. Place the signature file in a document named 'sig'
5. Place both 'dat' and 'sig' documents in an "tar.gz" archive file complying with naming rules as described at chapter 5.7.1 of the present document, and delete its extension.

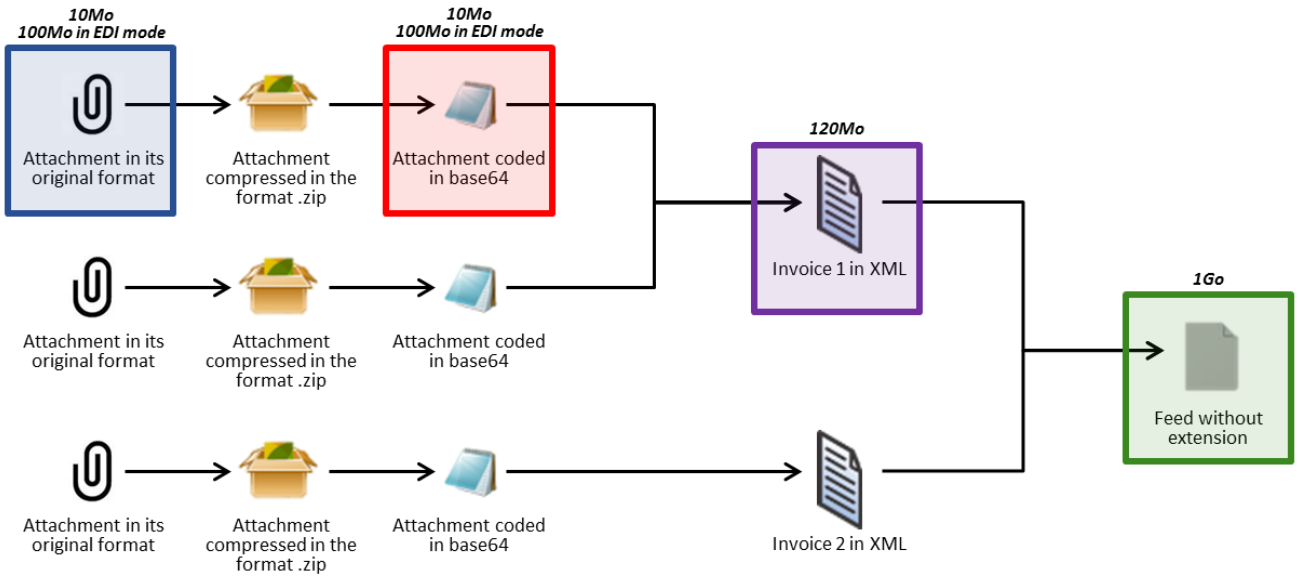


Example of an CII Minimal signed XADES flow correctly named

11.3 Size of the elements of the flow

Chorus Pro controls the size of the following elements of the flow:

- The maximum size of **an uncompressed and decoded attachement is 100Mo (10Mo for attachments that are not transmitted through EDI mode)**
- The maximum size of **a compressed and coded attachement is 100Mo (10Mo for attachments that are not transmitted through EDI mode)**
- The maximum size of the **invoice** with all its attachments is **120Mo**
- A single **flow** can't contained more than 500 invoices and can't exceed 1Go.

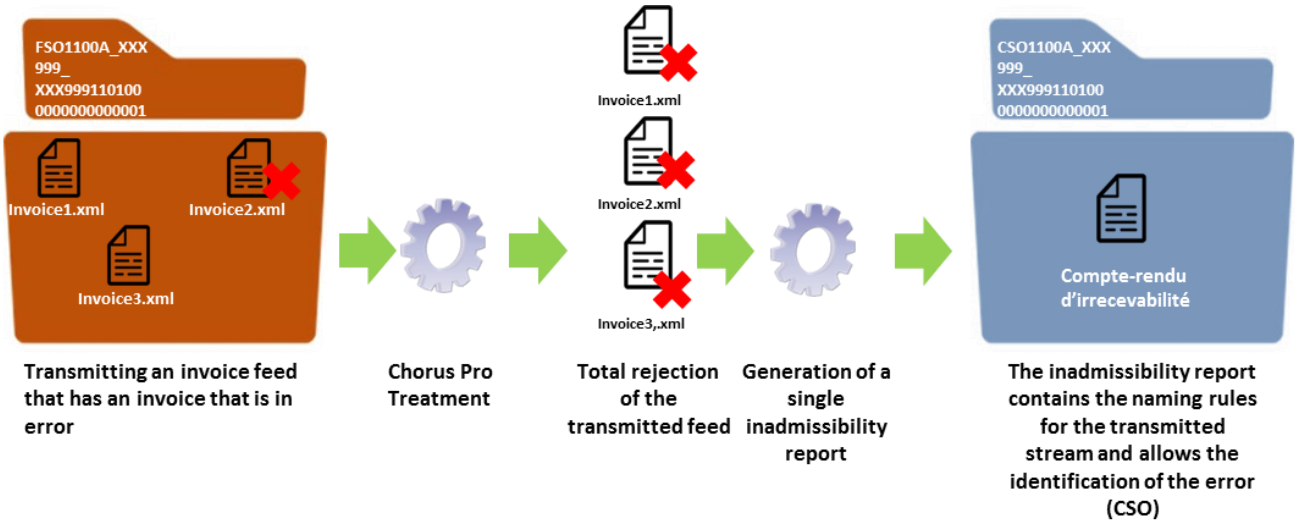


12 USE OF INADMISSIBILITY AND INVOICE REJECTION REPORTS

Inadmissibility and invoice rejection reports sent by the Chorus Pro following the sending of an invoice flow allow to track the integration of invoices in the Chorus Pro solution and to analyze the invoices Errors that cause invoice rejections, if any.

12.1 Use of inadmissibility invoice report

An invoice flow transmitted by a partner is inadmissible in case of compression and archiving errors of the transmitted flow or in the case of one or more invoices containing errors in the XSD format. The inadmissibility of the flow leads to the total rejection of the flow.



Example of an inadmissibility report

For users who are connected in EDI mode and if one or more invoices are not received, the Chorus Pro solution automatically generates an inadmissibility report in the CPPStatut format, described in Chapter 5.2.3. Subscription to the invoice life cycle flow is not required for receipt of inadmissibility reports.
Format of the file not authorized by the Chorus Pro solution
The use of the inadmissibility report allows the identification of the invoice (s) at the origin of the error.
The table below lists the entities to be analysed

flow envelopes Parameters - Individual parameter	
Entity	**Description**
Parameter value	Transmitted flow identifier
Unit Flow Status – Status data – Detail Item	
Nature of the error	Information on the nature of the error resulting in the inadmissibility of the transmitted flow: • XSD error • Format of the file not authorized by the Chorus Pro solutionErreur • Error in file archiving or signature
Error name	Wrong name of invoice file or wrong invoice order number in the case of CPPFactureMixte format, followed by the text of the error explaining the nature and providing the following details: • Reason for refusal; • Line number in error. •

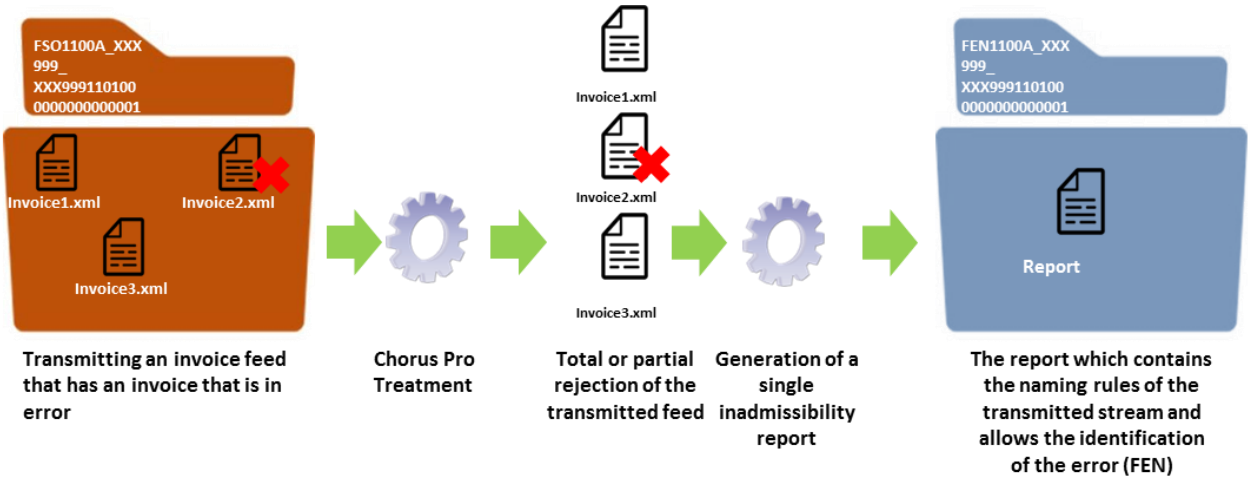
Description of the error	N/A

12.2 Use of invoice rejections reports

An invoice flow is rejected by the Chorus Pro solution following the checks listed below:

- Filling parameters entities and respecting formats imposed by the solution (format of dates of issue, IBAN, etc.)
- Codification (type of invoice, billing framework, method of payment, etc.)
- Consistency of the data (invoice number, date of receipt, etc.).

An error on the functional data may lead to total or partial rejection of the flow, depending on the mode of rejection chosen by the partner during the connection.



Example of a rejection report transmitted by Chorus Pro

For users connected in EDI mode, the Chorus Pro solution generates a CPPStatut report used in the Life Cycle flow and described in Chapter 5.2.3, or in the AIFEStatut format described in Chapter 5.6.3.2.
The use of the reports transmitted by Chorus Pro allows the identification of the invoices or entities that causes the rejection of the flow. The table below lists the entities to analyze when receiving invoice rejection reports.

Information to be exploited for suppliers subscribing to the AIFE Status described in Chapter 5.6.3.1

Unit Invoice Status – Status Item	
Entity	Description
Status code	During a total rejection, the status codes returned are: • 22 - "CONFORME_NON_INTEGRE" for invoices that are compliant but not integrated in Chorus Pro • 37 - " NON_CONFORME_NON_INTEGRE " for non-compliant and non-integrated invoices in the Chorus Pro solution During a partial rejection, the status codes returned are: • 01 - "DEPOSEE" for invoices compliant and integrated in the solution • 37 - " NON_CONFORME_NON_INTEGRE " for invoices not integrated
Status supplement	description of the error causing the rejection of the flow
Time stamp	Date and time of the event that generated the status
Comment	Invoice file name in error

Invoice identifier of the issuer)	Invoice number issued by the supplier

In the case of a receivable flow is integrated into the Chorus Pro solution, the solution generates a report in the CPPStatut format whose status code for each invoice is "01" (DEPOSITE).

Information to be exploited for suppliers subscribing to the AIFE Status described in Chapter 5.6.3.2:

DocumentStatus – Document – Status	
Entity	Description
Code status	During a total rejection, the status codes returned are: • « CONFORME_CONCENTRATEUR » for invoices compliant and not integrated in the solution • « REJET PAR CHORUS » for non-compliant and non-integrated invoices in the Chorus Pro solution During a partial rejection, the status codes returned are: • « CONFORME_CONCENTRATEUR » for invoices compliant and integrated in the solution • « REJET PAR CHORUS » for non-compliant and non-integrated invoices in the Chorus Pro solution
Note	Invoice file name in error
Document Number	Invoice number issued by the supplier
Time stamp	Date and time of report generation

In the case of a receivable flow that is integrated into the Chorus Pro solution, the solution generates an AIFEStatut report whose status code for each invoice is: CONFORME_CONCENTRATEUR.

For users connected in API mode, a daily notification by e-mail will be sent to the invoice-publishing structure to indicate invoices that are not integrated and rejected by the Chorus Pro solution.

13 PROCEDURES FOR USING THE STYLE SHEETS

13.1 The general principles

13.1.1 Style sheets

The use of style sheets is required to display the invoices transmitted in the flow mode entered on the portal or placed on the portal in XML format in Chorus Pro and in the information systems of the recipients of these invoices.

Chorus Pro allows suppliers to:

- provide their own style sheet, with identical formatting to the invoices that they can also privately send to their clients in hard-copy format,
- use a generic style sheet provided by the solution if necessary.

The style sheets are specific to each format used to transmit the invoices (UBL, CII, PES, etc.).

Using a style sheet that is specific to a supplier is only possible in the case of a structured flow (E1).

The generic style sheet enables the restitution of legal mentions as well as all the mandatory and optional information presented in the invoice-type attachment of the pivot flow.

13.1.2 Recovery of style sheets by Chorus Pro

When sending invoice flows to their recipients, the reference[9] of the style sheet available on Chorus Pro will be specified to enable the IS recipients of this flow to retrieve and display the invoice data according to the format defined by the supplier if they have provided their own style sheet.

If a supplier proceeds to evolutions on the style sheet he uses, he indicates in his flow a new reference allowing Chorus Pro to retrieve the new style sheet. The previous style sheet applicable to invoices sent before the style sheet modification remains available on Chorus Pro so as to be able to visualize these invoices.

Style sheets are available on Chorus Pro as long as associated invoices are present (invoices are available for 10 years as stated by the current legislation).

Example:A complete style sheet is undermentioned. The various items were filled with semantic data with an E1 UBL Format flow. The generic data are represented in italic.
As a reminder, it is not mandatory to value all the items. The display results depends on filled items.

[9] This reference is an absolute reference

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Facture Fournisseur (FSO1100) : 20161004-01

Emetteur

Entité Juridique

Fournisseur. Raison sociale(ou Nom Prenom)
Fournisseur.Adresse legale
Fournisseur.Code postal légal Fournisseur.Commune légal
Fournisseur.Code Pays Légal

Entité Commerciale

Fournisseur.Nom(raison sociale)
Fournisseur.Ligne Adresse Commerciale
Fournisseur.Code Postal Commercial
Fournisseur.Commune Commercial
Fournisseur.Code Pays Commercial

Nom service : ***Fournisseur.Nom contact***

SIRET : ***Fournisseur.Identifiant***
Numéro de TVA intra-communautaire : ***Fournisseur.Identifiant TVA***
Régime de TVA : ***Fournisseur.Régime TVA***

Contact

Fournisseur. Nom contact
Téléphone : ***Fournisseur. Téléphone contact***
Télécopie : ***Fournisseur. Télécopie contact***
Messagerie : ***Fournisseur. Courriel contact***
Fournisseur.Note

Valideur

Valideur. Nom légal
Valideur. Ligne Adresse légale
Valideur.Adresse code postal légal Valideur.Adresse nom commune légale
Valideur. Codepays
Valideur. Nom Contact
Téléphone : ***Valideur. Téléphone contact***
Télécopie : ***Valideur. Télécopie contact***
Messagerie : ***Valideur. Courriel contact***

SIRET : ***Valideur. Identifiant***

Client

Débiteur. Nom
Débiteur. Ligne adresse légale
Débiteur. Code postal légal Débiteur. Nom légal commune légal
Débiteur. Code pays légal

SIRET : *Débiteur.Identifiant*
Numéro d'engagement : ***Généralités.Référence aux textes*** *du Généralités.Référence aux textes.Date d'émission*
Marché : ***Généralités.Numéro de Marché Public***
Contrat : ***Généralités.Numéro de contrat*** *du Généralités.Numéro de contrat.Date émission*
Numéro de TVA Intra-communautaire : ***Débiteur. Identifiant TVA***

Service Récepteur

Débiteur. Code service
Débiteur. Nom service
Débiteur. Note

Encaisseur

Encaisseur. Raison sociale
Encaisseur. Ligne adresse légale
Encaisseur.Adresse code postal légal
Encaisseur.Adresse Nom commune légal
Encaisseur. Code pays
Encaisseur. Nom contact
Téléphone : ***Encaisseur. Téléphone***
Messagerie : ***Encaisseur. Courriel***

SIRET : *Encaisseur. Identifiant*

Généralités.Type Généralités.Identifiant* du *Généralités.Date émission facture* portant sur la facture : *Généralités.Identifiant Facture Origine* - Période de facturation du *Généralités.Début période* au *Généralités.Fin période
Cadre de facturation

Récapitulatif

Total HT (*Généralités.Devise*) *Généralités.Montant Hors Taxes*
Total Taxes (*Généralités.Devise*) *RécapitulatifTaxes. Montant taxes*

Répartition des taxes

Type Taxe	Taux Taxe	Montant HT	Montant Taxe
Récapitulatif taxes.Régime TVA (Généralités.Devise)	*RécapitulatifTaxes. Taux*	*RécapitulatifTaxes. Montant taxes*	*Récapitulatif taxes. Montant Taxe*

Motif éxonération : *RécapitulatifTaxes. Exonération*
Total Remises (*Généralités.Devise*) *Généralités.Montant Remises*

Répartition des remises

Type Remise	Montant Remise
Charge/remise. Libellé Motif de Charge/remise (Généralités.Devise)	*Charge/remise. Montant Charge / remise*

Total TTC (*Généralités.Devise*) *Généralités.Montant TTC*
Montant charges (*Généralités.Devise*) *Généralités.Montant Charges*
A déduire (déjà payé) (*Généralités.Devise*) *Généralités.Montant à déduire*
A payer (*Généralités.Devise*) *Généralités.Montant à payer*

Paiement par *Paiement. Mode de Paiement* sur le compte :*Paiement. Identifiant compte bancaire* (*Paiement. Identifiant établissement bancaire*)
Nous vous remercions de votre règlement avant le :*Paiement. Date Echéance*

Paiement. Note

Site de livraison : *SiteLivraison. Nom* - *SiteLivraison.Adresse code postal SiteLivraison.Adresse Nom commune SiteLivraison.Adresse code pays*

TVA	Dénomination de l'article	Quantité facturée	Prix unitaire	Quantité de livraison	Total remise	Total HT après remise
Ligne. Taux TVA	*Ligne. Numéro - Ligne. Nom article* *Ligne. Type - Ligne. Sous-type* *SiteLivraison. Identifiant* *Ligne. Complément* Référence produit : *Ligne. Référence produit* Date de livraison : *Ligne. Date livraison*	*Ligne. Quantité facturée*	*Ligne. Prix unitaire*	*Ligne. Unité livraison*	NaN	*Ligne. Montant H.T.*

Totaux du site de livraison, pour information :

Brut HT	NaN
Remises à la ligne	NaN
Net HT	NaN

Fournisseur. Raison sociale(ou Nom Prenom) - *Fournisseur.Adresse legale* - *Fournisseur.Code postal légal Fournisseur.Commune légal* - *Fournisseur.Code Pays Légal*
- Numéro de TVA intra-communautaire : : *Fournisseur.Identifiant TVA*

19/10/2016

Entête de la facture:

Facture Fournisseur

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Facture Fournisseur (FSO1100) : 20161004-01

Emetteur

Entité Juridique

Fournisseur. Raison sociale(ou Nom Prenom)
Fournisseur.Adresse legale
Fournisseur.Code postal légal *Fournisseur.Commune légal*
Fournisseur.Code Pays Légal

Entité Commerciale

Fournisseur.Nom(raison sociale)
Fournisseur.Ligne Adresse Commerciale
Fournisseur.Code Postal Commercial
Fournisseur.Commune Commercial
Fournisseur.Code Pays Commercial

Nom service : ***Fournisseur.Nom contact***

SIRET : ***Fournisseur.Identifiant***
Numéro de TVA intra-communautaire : ***Fournisseur.Identifiant TVA***
Régime de TVA : ***Fournisseur.Régime TVA***

Contact

Fournisseur. Nom contact
Téléphone : ***Fournisseur. Téléphone contact***
Télécopie : ***Fournisseur. Télécopie contact***
Messagerie : ***Fournisseur. Courriel contact***
Fournisseur.Note

Valideur

Valideur. Nom légal
Valideur. Ligne Adresse légale
Valideur.Adresse code postal légal *Valideur.Adresse nom commune légale*
Valideur. Codepays
Valideur. Nom Contact
Téléphone : ***Valideur. Téléphone contact***
Télécopie : ***Valideur. Télécopie contact***
Messagerie : ***Valideur. Courriel contact***

SIRET : ***Valideur. Identifiant***

Client

Débiteur. Nom
Débiteur. Ligne adresse légale
Débiteur. Code postal légal *Débiteur. Nom légal commune légal*
Débiteur. Code pays légal

SIRET : *Débiteur.Identifiant*
Numéro d'engagement : ***Généralités.Référence aux textes*** *du Généralités.Référence aux textes.Date d'émission*
Marché : ***Généralités.Numéro de Marché Public***
Contrat : ***Généralités.Numéro de contrat*** *du Généralités.Numéro de contrat.Date émission*
Numéro de TVA Intra-communautaire : ***Débiteur. Identifiant TVA***

Service Récepteur

Débiteur. Code service
Débiteur. Nom service
Débiteur. Note

Encaisseur

Encaisseur. Raison sociale
Encaisseur. Ligne adresse légale
Encaisseur.Adresse code postal légal
Encaisseur.Adresse Nom commune légal
Encaisseur. Code pays
Encaisseur. Nom contact
Téléphone : ***Encaisseur. Téléphone***
Messagerie : ***Encaisseur. Courriel***

SIRET : *Encaisseur. Identifiant*

Block Supplier

Block Debtor

Block Validator

Block Collector

Title of the invoice

Généralités.Type ***Généralités.Identifiant*** du ***Généralités.Date émission facture*** portant sur la facture : ***Généralités.Identifiant Facture Origine*** - Période de facturation du ***Généralités.Début période*** au ***Généralités.Fin période***
Cadre de facturation

Récapitulatif

Block Taxes

Total HT (*Généralités.Devise*) — *Généralités.Montant Hors Taxes*

Total Taxes (*Généralités.Devise*) — *RécapitulatifTaxes. Montant taxes*

Répartition des taxes

Type Taxe	Taux Taxe	Montant HT	Montant Taxe
Récapitulatif taxes.Régime TVA (Généralités.Devise)	*RécapitulatifTaxes. Taux*	*RécapitulatifTaxes. Montant taxes*	*Récapitulatif taxes. Montant Taxe*

Motif éxonération : — *RécapitulatifTaxes. Exonération*

Block Charges/ Rebates

Total Remises (*Généralités.Devise*) — *Généralités.Montant Remises*

Répartition des remises

Type Remise	Montant Remise
Charge/remise. Libellé Motif de Charge/remise (Généralités.Devise)	*Charge/remise. Montant Charge / remise*

Amount summary

Total TTC (*Généralités.Devise*) — *Généralités.Montant TTC*

Montant charges (*Généralités.Devise*) — *Généralités.Montant Charges*

A déduire (déjà payé) (*Généralités.Devise*) — *Généralités.Montant à déduire*

A payer (*Généralités.Devise*) — *Généralités.Montant à payer*

Block Payment

Paiement par *Paiement. Mode de Paiement* sur le compte :*Paiement. Identifiant compte bancaire* (*Paiement. Identifiant établissement bancaire*)

Nous vous remercions de votre règlement avant le :*Paiement. Date Echéance*

Paiement. Note

Block Invoice lines

Site de livraison : *SiteLivraison. Nom* - *SiteLivraison.Adresse code postal* *SiteLivraison.Adresse Nom commune* *SiteLivraison.Adresse code pays*

TVA	Dénomination de l'article	Quantité facturée	Prix unitaire	Quantité de livraison	Total remise	Total HT après remise
Ligne. Taux TVA	*Ligne. Numéro - Ligne. Nom article* *Ligne. Type - Ligne. Sous-type* *SiteLivraison. Identifiant* *Ligne. Complément* Référence produit : *Ligne. Référence produit* Date de livraison : *Ligne. Date livraison*	*Ligne. Quantité facturée*	*Ligne. Prix unitaire*	*Ligne. Unité livraison*	NaN	*Ligne. Montant H.T.*

Totaux du site de livraison, pour information :

Brut HT	NaN
Remises à la ligne	NaN
Net HT	NaN

Fournisseur. Raison sociale(ou Nom Prenom) - *Fournisseur.Adresse legale* - *Fournisseur.Code postal légal* *Fournisseur.Commune légal* - *Fournisseur.Code Pays Légal*
- Numéro de TVA intra-communautaire : : *Fournisseur.Identifiant TVA*

13.2 The different cases for the use of style sheets by the supplier

13.2.1 Sending an invoice in EDI mode

In EDI mode, when the supplier wishes to use a specific style sheet, he can specify the reference to a style sheet in the header of their flow. If no url is specified, the generic style sheet is automatically applied.

13.2.2 Entering an invoice on the portal

When the supplier enters an invoice on the portal of Chorus Pro, Chorus Pro uses a generic style sheet during the display of the invoice before validation and during the transmission of this invoice to it's recipient. It is not possible, in the case of a manual input on the portal, to use a style sheet that is specific to a supplier.

13.2.3 Submitting an invoice on the portal

When the supplier submits an invoice in XML format on the portal of Chorus Pro or in API mode, the different ways of filling in the style sheets apply in the same way as a supplier who submitted an invoice in EDI mode:

- using the style sheet mentioned in the header of the XML file submitted,
- using the generic style sheet in the event that no information is provided in the header of the XML file.

14 TRACK CHANGES

Version - Date	*Issuer*	*Track changes*
V4.02 24/09/2018	AIFE	• § 8.2.4, about incoming formats EDIFACT and ISO20022, and references about them (§ 3.1.1.1 and 3.1.1.3) deleted
V4.01 11/09/2018	AIFE	• Rule G1.22 modified • Rule G5.07 completed with codes 29 (Prise en compte MOE) and 38 (Prise en compte MOA) • Rule S2.11 created, relative to the required Base Amount field in case of charges/discounts in CII 16B syntax • Field Généralités. Profil Factur-X (8.3.5) modified • Rule S2.20 completed. The Factur-X profile field is required. • Rule G6.01 modified: the maximum number of invoice lines is now 999999 (6 characters). The control is performed on the true number of invoice lines, and not on each line number. • Tax-exemption reason transferred in the General Informations of E1 flow (4.2.1): once this field filled, the invoice is entirely tax-exempted. The syntaxic tables were consequently modified: UBL Invoice (8.2.1) et CII (8.2.2) • Rule G8.15 modified. Following sentence added: « The exemption is exclusive: in case of zero VAT rate, all the amounts must be exempted. » • Authorized values for the VAT Regime field added (G2.13): VAT on debits, VAT on collections, Exempt, Without VAT.
V4.00 04/06/2018	AIFE	• Addition of the steps required for the EDI connection (§1) • Paragraph §5 of the general documentgeneral transferred towards the paragraphs §2 and §12 of this appendix relative to the EDI connection • CII 14B syntax transferred towards the Chorus Facture appendix • Parts 8.2.2.2, 8.2.2.3 et 8.3.2.2, 8.3.2.3 relative to the CII 14B and FEN135 syntaxes deleted • Rule G2.06 restored for all syntaxes • Rule G2.10 relative to the intra-Community VAT number deleted • Correction of the fields coming from the udt and qdt directories (8.2.2) • References to the rule G1.09, for CII 16B (8.2.2), CII 16B minimal (8.3.2) and Factur-X (8.3.5), deleted • Rule G2.29 added: the service by default of a PMO (work invoices only) has an access in the "Work invoices" area • Multiplicity of Delivery block (E1 format: 4.2.1, E2 format: 4.2.2) corrected. The block is required and unique but the field within it are all optional • Multiplicity of the id type corrected: it has become optional for the customer, the factor and the validator (only E1 format: 4.2.1) • Multiplicity of the id type corrected: it has become optional for the supplier, the customer and the validator (only E2 format: 4.2.2) • Rule S2.18 deleted • Validator and payee blocks become optional (E1 flow: 4.2.1; E2 flow: 4.2.2)

		• Rule S1.07 modified
For more information about changes made in versions prior to version 3.28, please refer to the functional description's change tracking.		